

FCR 9

Office of the President
May 8, 2015

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the Capital Construction Report for the three months ending March 31, 2015 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 January 1, 2015 thru March 31, 2015:

There were seven new contracts this quarter:

- | | |
|----------------|---|
| Project 2402.3 | Renovate/Upgrade UK HealthCare Facilities (Phase I-F) – Kentucky Children’s Hospital NICU <ul style="list-style-type: none">- GBBN Architects, \$3,684,000 (<i>Design</i>)- Turner Construction Co., \$1,403,553 (<i>Construction</i>) |
| Project 2408.0 | Renovate Academic/Administrative Space – Employee Wellness Center <ul style="list-style-type: none">- Wehr Constructors, \$1,627,000 (<i>Construction</i>) |
| Project 2411.0 | Upgrade/Renovate Space in Multi-Disciplinary Science Building <ul style="list-style-type: none">- Marrillia Design & Construction, \$1,896,460 (<i>Construction</i>) |
| Project 2416.0 | Renovate/Replace Playing Field – Commonwealth Stadium <ul style="list-style-type: none">- Tree Top Landscaping dba SportsFields, \$672,500 (<i>Design & Construction</i>) |
| Project 2417.0 | Renovate/Upgrade Academic Space - Patterson Hall <ul style="list-style-type: none">- Congleton-Hacker Co., \$676,700 (<i>Construction</i>) |
| Project 2420.0 | Repair/Upgrade/Improve Building Shell Systems - 2015 Annual Parking Garage Maintenance and Restoration <ul style="list-style-type: none">- THP Limited, Inc., \$82,360 (<i>Design</i>) |

Four contracts were completed this quarter:

- Project 2239.75 Construct Patient Care Facility (Phase I-D) – 8th Floor Fit-Out
- Turner Construction Co., \$16,357,559
- Project 2368.0 Repair/Upgrade/Improve Electrical Infrastructure – Central Campus
- Woodall Construction Co., Inc., \$2,521,172
- Project 2389.0 Repair/Upgrade/Expand Central Plants – CUP Boiler Feed Water System
- Congleton-Hacker Co., \$1,185,297
- Project 2400.0 Repair/Upgrade/Improve Building Mechanical Systems – Med. Science
Air Handling Unit
- H & R Mechanical, \$681,637

One amendment was as follows:

- Project 2374.0 Repair/Upgrade/Improve Civil/Site Infrastructure – Construct
Cooperstown Loop
- Provide for design services related to the relocation of the Straus
building occupants as well as design modifications to facilitate parking
and vehicle pull-offs; also for assistance with utility easements and
coordination with utility providers. (+) \$17,718

Twenty-two change orders greater than \$25,000 were as follows:

- Project 2239.73 Construct Patient Care Facility (Phase I-D) – 8th Floor Fit-Out
- Fit-Out additional area on the 12th floor for temporary office space to
accommodate construction office staffing for additional phases of the
UK HealthCare projects. (+) \$172,543
- Project 2345.0 Renovate/Expand Gatton Building
- Enclose and provide temporary heat to areas A and C for the winter
season allowing work to continue. (+) \$147,600
- Provide for a necessary acceleration of fabrication of materials on site
and added hours to make up lost time due to three specific subsurface
issues that impacted sequencing of work for the concrete contractor's
scope of work. (+) \$53,411
- Provide for a change from quarter sawn white ash to quarter sawn
white oak solid trim throughout the project. This will maintain the
same custom stain coloration across all wood locations. (+) \$29,360
- Furnish and install glass handrail/guardrail in the atrium and the
auditorium. (+) \$36,319
- Revise the wireless rough-in layout for the large classrooms,
auditorium, and other large spaces. (+) \$30,762
- Incorporate new granite material rather than salvaged granite in the
atrium and on the stair treads for the social stairs. Salvaged granite
was determined to be unsuitable for use in these applications. (+)
54,946

- Provide for an additional layer of plywood and blocking at the classroom tiers and amend the construction of the risers due to constraints with the fixed table manufacturer mounting requirements. (+) \$32,343

Project 2362.0

Upgrade/Expand Commonwealth Stadium

- Provide a temporary weather barrier and temporary heat on both the suite and press levels of the south superstructure. (+) \$126,162
- Remove and replace existing sanitary sewer mains in five locations within the stadium that were determined to be deteriorated and partially clogged. (+) \$29,030
- Delete portions of the backlighting of the aluminum fins and add conduits and cabling due to revisions to the telecommunications and audio visual pathways. (+) \$45,303
- Revise the design for each of the concession stands, the loft club, and the suite level due to the University's new contract with an alternate concessionaire. (+) \$38,301
- Relocate the domestic water feeds to the four existing women's restrooms in the corners of the facility due to conflicts and line deterioration. (+) \$31,760
- Remove all portions of the upper concourse area drainage piping in twelve locations due to degraded piping. (+) \$58,492
- Enclose a larger than originally anticipated emergency generator room. (+) \$35,771
- Provide for extension of new sanitary lines to the existing bus stop on the southeast corner of the stadium. (+) \$72,834
- Provide for replacement of the existing sanitary mains in three additional locations of the stadium. (+) \$37,154
- Run domestic waterline and conduit for data connections for the Stadium Pavilion on the southwest corner. (+) \$55,127
- Furnish a credit for revision of the floor finishes to the loft club, loge club, and premium suites. (-) \$27,563
- Modify the loge seating area to include power receptacles for the TV units as well as convenience power with USB charging capability for patrons. (+) \$82,497

Project 2398.0

Center for Applied Energy Research Slipstream Capital Project

- Provide conduit raceway for the instrument wiring, which was originally to be owner furnished. (+) \$29,786

Project 2408.0

Renovate Academic/Administrative Space – Employee Wellness Center

- Provide for acceptance of add alternates 1 & 2 as listed in the bid form. Alternate 1 provides epoxy flooring in lieu of tile in the toilet and shower areas. Alternate 2 extends the exterior metal entrance canopy and structural steel. (+) \$31,670

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
March 2014

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. Work is anticipated to resume at UKHC buildings by mid-May 2015. Substantial completion is expected by August 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:

The piping installation is complete and we are waiting on a steam valve that was on back order. Work is expected to complete by May 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:

Placing of caissons and grade beams will continue through April 2015. Steel structural framing has begun. A final bid package (audio-visual, landscaping, and some limited academic room fit-ups) is anticipated to advertise in spring 2015. Anticipated substantial 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:

Schematic design is complete. The project is currently in design development phase.

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:

Construction has begun on two of the three packages established for the project. Design Release 1 (DR1) includes utilities relocation, earth retention, building pad cut, and generator/transformer installation. DR1 documents were delivered on November 18, 2014 and bid the first of the year. Design Release 2 (DR2) includes mass earth work, foundations, steel, storm drainage, and foundation water proofing. DR2 documents were released on January 15, 2015 and bid in February. Design Release 3 (DR3) includes building elements, site development, and practice fields. DR3 documents were released February 26, 2015 and are in the bidding process.

The DR1 packages were bid and construction began in February 2015. Fencing is in place and excavation is underway. Shoring of the existing Field House is fifty percent complete.

DR2 packages bid February 17, 2015 and the contracts are in place. The DR2 contractors are beginning the shop drawing process and will begin to work on site in late March.

DR3 packages pre bid was held March 19, 2015. The bids will be open April 9, 2015 and the work will commence shortly thereafter.

Construction will proceed thru the 2015 football season with construction coordinated 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:

Construction has been minimal through the end of March due to cold temperatures and heavy rains and snow. Progress is anticipated to pick-up through the warmer spring months and complete by September 2015.

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. We are beginning operational start-up and training. 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:

Design is complete. Reviews have been held with all impacted UK groups, the Kentucky Transportation Cabinet, and Lexington Fayette Urban County Government Traffic Management and Council. Bids will be evaluated in early April for award to proceed.

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 canopy steel installation is complete; the concrete cap over chilled water/steam line has been poured. Approximately fifty percent of the rooms on the second floor have been punched. The work on the 3rd floor continues. Automatic door openers and the security system will be installed within the next 30 days. Site work has been delayed due to weather, however, it is anticipated to be complete by mid-April. Substantial completion for the entire project 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:

Design was completed and the construction contract was awarded to Wehr Constructors in January 2015. Interior demolition is complete. Door frame installation, partition walls, and ceiling work continues. Substantial Completion is scheduled for mid-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:

The Board of Trustees approved a scope increase from \$1,500,000 to \$2,200,000 on March 16, 2015. Construction began on Monday, March 30.

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 mechanical/electrical/plumbing (MEP) rough-ins. Window installation is in progress. Gypsum board is being hung at floors 2, 3, and 4. A contract is being finalized with Video Corporation of America to provide A/V systems throughout the building. Negotiations are underway with a Graphics Vendor to provide graphics and way finding. Weekly meetings are being held with the consultants and construction manager to expedite resolution of construction issues as they develop.

Completion of the work 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:

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 begin in May 2015 and will complete in December 2017.

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:

The contract has been executed and the design and submittal process are underway. Demolition of the existing playing surface is to begin April 19, 2015, after the contractor for the stadium renovation clears the field. The work is to be substantially complete by June 15, 2015. The new field will be playable for the 2015 football season.

Renovate/Upgrade Academic Space - Patterson Hall

Project Description:

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

Project Status:

The project is nearing completion of the design development phase and will be moving into the construction document phase. The project is scheduled to bid in June 2015 with construction to be substantially complete in July 2016.

Renovate/Upgrade Hospital Facilities – Good Samaritan Emergency Department

Project Description:

This project will address the needs of the patient population and the clinical services offered at Good Samaritan. Specific elements will include expanded service capabilities, private patient rooms, improved staff support spaces and enhanced patient and family waiting space. The scope will include renovating approximately 12,090 square feet of the existing Good Samaritan Emergency Department, as well as expand patient and family waiting by adding 1,250 square feet to the existing 344 square feet waiting room.

Project Status:

Schematic design documents were delivered to the University and a review meeting was held in March. The project team will now enter into design development phase. The FCR for the construction phase was approved at the March 2015 Board of Trustees meeting. An RFP for construction management services will be advertised in April.

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:

Construction has begun on the 9th floor. Ductwork fabrication is underway. Wall layout is complete. Wall framing and wall rough-in has begun.

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:

The design team is progressing thru the programming phase. Key design and NICU staff have toured comparable facilities in order to develop design criteria.

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:

The design team is nearing completion on the kitchen-cafeteria construction documents. The project is expected to bid out in April.

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:

This project achieved substantial completion February 5, 2015. The system is functioning properly and was in service during the unusual weather of early February.

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:

Substantial Completion was issued January 21, 2015. Some minor roadway restoration will occur in spring 2015 once weather is favorable.

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:

The construction documents were released late February. The project is currently in the bidding process. 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 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:

Construction work is making good progress; the construction manager is coordinating with Kentucky American Water and Columbia Gas for required utility work. 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 was 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-five percent of the structural slabs are now in place. The DR2 mechanical and electrical contractors are following immediately beginning rough-in behind the installation of the slabs. This work is now fifty percent complete

Ninety-five percent of the architectural precast panels have been installed. The structural precast and elevator systems are well under way. Installation of these elements began February 2015. The structural precast is scheduled to be in place by April 15 thus creating the new lower bowl.

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 late March and final cleaning will bid near the end of the project. The mason continues laying block on both levels of the south side and the east end zone having completed the north side work. 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 has begun to install the skin on the south elevation. Deliveries of these materials continue on “a just in time” basis. The seating package is in place with deliveries scheduled for late 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:

Further renovation work is on hold until 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 construction contract was awarded in January 2015. Demolition has been completed and overhead MEP work continues along with the installation of partition walls. Substantial Completion is scheduled for mid-May 2015.

Construct, Expand and Renovate Ambulatory Care Facility – Kentucky Clinic Medical Plaza Second Floor Medicine 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 design team was selected and the contract has been executed. Programming and schematic design of the Urology Clinic is underway. Programming of the Medicine clinic is not anticipated to begin until May 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 shelled 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:

Limestone Park I (South Building)

Shear walls, foundation walls, footings and columns are in progress.

Limestone Park II (North Building)

Structural frame and decks are in progress. MEP sleeves are being installed with the structural concrete work.

Both structures are scheduled to be completed during the summer of 2016.

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:

The engineering firm was selected and the contract has been executed. Schematic design is under way.

Repair, Upgrade, or 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:

Consultant selection has completed and the contract is being executed.

Repair, Upgrade, or 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:

Consultant selection has completed and the contract is being executed.

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 and associated temperature controls, exhaust fans, and reheat coils. This phase of the project includes replacing exhaust fans EF-2 (and relabeling as EF-12) which serves the 3rd floor restrooms, E-4, E-5, removing EF-7 but not replacing, and adding EF-8. It also includes replacing the air handling units serving the Art Gallery (S-5) and the Guignol Theater (S-4); it also includes replacing additional reheat coils and sprinkling the building.

Project Status:

Design phase services are nearing completion. The project is scheduled to bid in early May and be completed in September 2015.

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 Area A (complete West and South elevations; continue East elevation; MEP devices and fixtures continue along with drywall work. Final paint has begun at level 3.

Woodland Glen IV (East Building)

Elevator installation is in progress; drywall is being finished at multiple locations; finish paint has begun; door hardware & accessories have begun on level 5; installation of interior casework and MEP fixtures are in progress.

Woodland Glen V (South Building)

Interior finishes are in progress.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Campus Security System

Project Number: 2342.00

Scope: \$5,000,000

Project Description:

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

Consultant: Biagi, Chance, Cummins, London & Titzer

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

No amendments this quarter.

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

Contract # 7500014489	Original Contract Amount:	\$3,624,511
Total Change Orders to Date: 33	Cumulative Change Order Amount:	\$197,125
Low Bid:	Revised Contract Amount:	\$3,821,636
High Bid:	Contract Percent Complete:	95%

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Center for Applied Energy Research Slipstream Capital Project

Project Number: 2398.00

Project Description:

Scope: \$2,700,000

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

Original Contract Amount: \$101,000

Total Amendments to Date: 1

Cumulative Amendment Amount: \$12,500

Describe all amendments :

Revised Contract Amount: \$113,500

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. **No amendments this quarter.**

Contractor: Hall Contracting of Kentucky, Inc.

Contract # 7500040895

Original Contract Amount: \$1,707,000

Total Change Orders to Date: 6

Cumulative Change Order Amount: \$33,929

Low Bid: \$1,707,000

Revised Contract Amount: \$1,740,929

High Bid: \$1,707,000

Contract Percent Complete: 50%

Number of Bids: 1

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

Change Order # 5, 2/14/15, was approved for an increase of \$29,786 to provide conduit raceway for the instrument wiring, which was originally to be owner furnished.

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:

Number of Bids:

Original Contract Amount: \$74,858,084

Cumulative Change Order Amount: \$395,808

Revised Contract Amount: \$75,253,892

Contract Percent Complete: 14%

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2403.00

Project Description:

Scope: \$1,000,000

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

Consultant: Moody Nolan

Contract # A161000ZZ

Original Contract Amount:

\$41,200

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$41,200

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:

Construct Football Training Facility and Practice Fields

Project Number: 2397.00

Project Description:

Scope: \$45,000,000

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

Consultant: RossTarrant Architects

Contract # A141200

Original Contract Amount:

\$3,077,278

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$37,037

Describe all amendments :

Revised Contract Amount:

\$3,114,315

Amendment # 1, 10/14/14, an increase of \$37,037 was approved for additional design and construction administration services as required to provide expanded food service design, additional site survey services, and an additional utility locator service. **No amendments this quarter.**

Contractor: Congleton-Hacker Co.

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

Contract # 7500034205

Original Contract Amount:

\$8,218,134

Total Change Orders to Date: 6

Cumulative Change Order Amount:

\$4,131

Low Bid:

Revised Contract Amount:

\$8,222,265

High Bid:

Contract Percent Complete:

2%

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2239.73

Project Description:

Scope: \$31,500,000

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:	\$15,585,027
Total Change Orders to Date: 67	Cumulative Change Order Amount:	\$772,532
Low Bid:	Revised Contract Amount:	\$16,357,559
High Bid:	Contract Percent Complete:	100%

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. **Change Order # 66**, 1/15/15, was approved for an increase of \$172,543 to fit-up additional area on the 12th floor for temporary office space to accommodate construction office staffing for additional phases of the UK HealthCare projects.

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

Original Contract Amount: \$427,000

Total Amendments to Date: 1

Cumulative Amendment Amount: \$272,000

Describe all amendments :

Revised Contract Amount: \$699,000

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

Contractor: Bluegrass Contracting Corp.

Contract # 7500031357

Original Contract Amount: \$5,404,487

Total Change Orders to Date: 7

Cumulative Change Order Amount: \$66,156

Low Bid: \$9,991,000

Revised Contract Amount: \$5,470,643

High Bid: \$5,404,487

Contract Percent Complete: 75%

Number of Bids: 9

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Emergency Replacement of Woodford County Feed Mill

Project Number: 2379.00

Project Description:

Scope: \$4,735,000

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

Consultant: Lockett & Farley

Contract # A141000FF

Original Contract Amount:

\$33,750

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$33,750

No amendments this quarter.

Contractor: Denham-Blythe Company

Contract # 7500034682

Original Contract Amount:

\$4,087,431

Total Change Orders to Date: 3

Cumulative Change Order Amount:

\$71,853

Low Bid: \$4,087,431

Revised Contract Amount:

\$4,159,284

High Bid: \$7,010,300

Contract Percent Complete:

88%

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

Improve/Upgrade Alumni Drive

Project Number: 2412.00

Project Description:

Scope: \$5,000,000

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

Original Contract Amount:

\$619,367

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$619,367

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 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: 93%

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

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: Wehr Constructors

Contract # 7500044466

Original Contract Amount: \$1,627,000

Total Change Orders to Date: 3

Cumulative Change Order Amount: \$26,610

Low Bid: \$1,627,000

Revised Contract Amount: \$1,653,610

High Bid: \$1,865,000

Contract Percent Complete: 10%

Number of Bids: 7

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

Change Order # 1, 3/4/15, was approved for an increase of \$31,670 to add alternates 1 & 2 as listed on the bid form. Alternate #1 provides epoxy flooring in lieu of tile in the toilet and shower areas. Alternate # 2 extends the exterior metal entrance canopy and structural steel.

Renovate Old Softball/Soccer Locker Room

Project Number: 2401.00

Project Description:

Scope: \$2,178,621

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

Scope: \$65,000,000

Project Description:

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

Consultant: Ross Tarrant Architects

Contract # A131090

Total Amendments to Date: 3

Original Contract Amount: \$3,716,149

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

Total Change Orders to Date: 97

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$51,159,412

Cumulative Change Order Amount: \$1,908,474

Revised Contract Amount: \$53,067,886

Contract Percent Complete: 48%

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

Change Order # 1, 3/7/14, was approved for an increase of \$51,262 to provide labor, equipment, and material necessary to install 1,000 gallon grease trap and associated piping to comply with LFUCG standards for the food service component of the project. **Change Order # 5**, 3/18/14, was approved for an increase of \$105,784 to modify the site development design to include the changes in design from bid to the time the enabling package was released. The change was a result of fast tracking the project. **Change Order # 6**, 3/21/14, was approved for an increase of \$158,287 to install temporary underground storm and sanitary lines to maintain active sewer lines during the installation of the drilled piers and grade beam of the new addition. **Change Order # 17**, 6/27/14, was approved for an increase of \$29,627 to install a one hour fire rated infill partition at the separation of the '63 and '90's buildings. **Change Order # 24**, 8/21/14, was approved for an increase of \$55,072 to adjust the contract allowance based on unit prices for the actual volume of caissons as installed compared to the quantity in the contract. **Change Order # 25**, 8/26/14, was approved for an increase of \$58,007 to provide the labor and material as necessary for abatement of fittings above the specified amount in the bid documents. **Change Order # 30**, 9/19/14, was approved for an increase of \$53,211 to add a second retaining wall/seat wall to provide a less steep grade coming from University Drive. **Change Order # 35**, 10/3/14, was approved for an increase of \$44,336 to provide additional one-hour fire proofing in areas of roof decking under 20' in height. **Change Order # 36**, 10/3/14, was approved for an additional \$42,574 to use a varied floor pattern and color palate more in line with the design intent of the building and the atrium and lobbies. **Change Order # 43**, 11/6/14, was approved for an increase of \$75,000 to infill the existing holes in the first, second, third, and fourth floor slabs. Some extra large holes will require additional steel support for the repairs. **Change Order # 44**, 11/6/14, was approved for an increase of \$35,000 to infill the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and large ones with CMU block. **Change Order # 46**, 11/7/14, was approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door frame to a welded frame on all doors. **Change Order # 52**, 11/24/14, was approved for an increase of \$27,387 to provide

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets to meet code requirements. **Change Order # 55**, 12/5/14, was approved for an increase of \$152,201 to make revisions to the power and low voltage plans in order to accommodate the forthcoming audio-visual package. **Change Order # 58**, 12/5/14, was approved for an increase of \$170,026 to provide changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 62**, 1/8/15, was approved for an increase of \$147,600 to enclose and provide temporary heat to Areas A and C for the winter season allowing work to continue. **Change Order # 64**, 1/26/15, was approved for an additional \$53,411 - Provide for a necessary acceleration of fabrication of materials on site and added hours to make up lost time due to three specific subsurface issues that impacted sequencing of work for the concrete contractor's scope of work. **Change Order # 65**, 1/26/15, was approved for an increase of \$29,360 to switch from quarter sawn white ash to quarter sawn white oak solid trim metal throughout the project. This material will maintain the same custom stain coloration across all wood locations. **Change Order # 70**, 2/2/15, was approved for an increase of \$36,319 to furnish and install glass handrail/guardrail in the atrium and auditorium. **Change Order # 75**, 2/9/15, was approved for an increase of \$30,762 to revise the wireless rough-in layout for the large classrooms, auditorium, and other large spaces. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to incorporate new granite material rather than salvaged granite in the atrium and on the stair treads for the social stairs. Salvaged granite was determined to be unsuitable for use in these applications. **Change Order # 87**, 3/12/15 was approved for an increase of \$32,343 to add an additional layer of plywood and blocking at the classroom tiers and amend the construction of the risers due to constraints with the fixed table manufacturer mounting requirements.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center

Project Number: 2396.00

Scope: \$175,000,000

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.

Consultant: Omni Architects

Contract # A141210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$10,104,022

Cumulative Amendment Amount:

Revised Contract Amount: \$10,104,022

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

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount: \$8,240,500

Cumulative Change Order Amount:

Revised Contract Amount: \$8,240,500

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Replace Playing Field - Commonwealth Stadium

Project Number: 2416.00

Project Description:

Scope: \$1,000,000

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.

Consultant: Project is Design/Build. See below for Contractor.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Contractor: Tree Top Landscaping, Inc. dba SportsFields

* This contract is Design Build and was awarded by RFP process

Contract # 7500043673

Original Contract Amount:

\$672,500

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$672,500

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.

Renovate/Upgrade Academic Space (Patterson Hall)

Project Number: 2417.00

Project Description:

Scope: \$15,000,000

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:

\$7,500,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$7,500,000

No amendments this quarter.

Contractor: Congleton Hacker Co.

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

Contract # 7500043674

Original Contract Amount:

\$680,163

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$680,163

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 Hospital Facilities - Good Samaritan E.D.

Project Number: 2394.00

Project Description: Scope: \$10,000,000

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:

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

Project Number: 2402.10

Project Description: Scope: \$68,021,636

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 Pavilion A, additional negative pressure rooms, and any necessary changes to the roof structure to support mechanical equipment for these rooms. **No amendments this quarter.**

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

Contract # 7500038892	Original Contract Amount:	\$36,083,462
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$36,083,462
High Bid:	Contract Percent Complete:	8%

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) - NICU

Project Number: 2402.30

Project Description: Scope: \$50,000,000

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

Consultant: GBBN Architects

Contract # A151180	Original Contract Amount:	\$3,648,000
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$3,648,000

No amendments this quarter.

Contractor: Turner Construction Co.

Contract # 7500040310	Original Contract Amount:	\$1,403,553
Total Change Orders to Date:	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$1,403,553
High Bid:	Contract Percent Complete:	

Number of Bids:

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

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

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

Project Number: 2402.20

Project Description: Scope: \$27,348,364

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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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: 6

Cumulative Change Order Amount: \$19,447

Low Bid: \$767,000

Revised Contract Amount: \$1,185,297

High Bid: \$1,479,900

Contract Percent Complete: 100%

Number of Bids: 2

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

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

Repair, Upgrade or 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: 5

Cumulative Change Order Amount: \$10,037

Low Bid: \$671,600

Revised Contract Amount: \$681,637

High Bid: \$787,000

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.

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: 100%

Number of Bids: 5

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

Change Order # 4, 6/4/14, was approved for an increase of \$106,197 to provide a reroute for the new ductbank between a new manhole and an existing one. This is necessary due to unforeseen obstructions adjacent to a manhole making it impossible to connect the new ductbank the way it was originally planned. **Change Order # 3**, 6/6/14, was approved for \$34,884 to provide coordination for this project's scope of work with the approved traffic plan. The traffic plan was submitted after the start of the project. **Change Order # 6**, 10/3/14, was approved for an increase of \$43,099 to re-locate a new manhole and re-route the ductbank between two other manholes. **Change Order # 8**, 10/6/14, was approved for an increase of \$123,911 to install a new ductbank between two existing manholes and to revise the manhole power circuit to provide sufficient capacity for the three new manholes on Washington Street. **Change Order # 12**, 10/29/14, was approved for an increase of \$29,142 to expand existing manhole to accommodate necessary cable splicing safely. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Shell Systems (2015 Parking Garage Maintenance & Restoration)

Project Number: 2420.00

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

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.

Consultant: THP Limited, Inc.

Contract # A131110	Original Contract Amount:	\$82,360
Total Amendments to Date:	Cumulative Amendment Amount:	
Describe all amendments :	Revised Contract Amount:	\$82,360

No amendments this quarter.

Contractor: No construction contract awarded to date.

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

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

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

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: 1	Cumulative Amendment Amount:	\$17,718
Describe all amendments :	Revised Contract Amount:	\$71,003

Amendment 1, 2/10/15, an increase of \$17,718 was approved to provide for design services related to the relocation of the Straus building occupants as well as design modifications to facilitate parking and vehicle pull-offs; also for assistance with utility easements and coordination with utility providers.

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:	\$2,045,984
Total Change Orders to Date: 3	Cumulative Change Order Amount:	\$10,672
Low Bid:	Revised Contract Amount:	\$2,056,655
High Bid:	Contract Percent Complete:	20%
Number of Bids:		

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2385.00

Scope: \$1,900,000

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.

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

Project Description:

Scope: \$126,500,000

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. **No amendments this quarter.**

Contractor: Skanska/Congleton-Hacker Joint Venture

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

Contract # 7500019555

Original Contract Amount: \$107,189,038

Total Change Orders to Date: 147

Cumulative Change Order Amount: \$1,523,392

Low Bid:

Revised Contract Amount: \$108,712,430

High Bid:

Contract Percent Complete: 52%

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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. **Change Order # 106**, 1/15/15, was approved for an increase of \$126,162 to provide labor and material to provide a temporary weather barrier and temporary heat on both the suite and press levels of the south superstructure. **Change Order # 107**, 1/15/15, was approved for an increase of \$29,030 to furnish the labor, equipment, and material to remove and replace existing sanitary sewer mains in five locations within the stadium that have been determined to be deteriorated and partially clogged. **Change Order # 112**, 1/26/15, was approved for an increase of \$45,303 to provide adjustments to delete portions of the backlighting of the aluminum fins and add conduits and cabling due to revisions to the telecommunications and audio visual pathways for the project. **Change Order # 119**, 2/4/15, was approved for an increase of \$38,301 to revise the case work, architectural details, electrical systems, plumbing design, and food service walls for each of the concession stands, the loft club, and the suite level due to the University's new contract with an alternate concessionaire. **Change Order # 121**, 3/1/15, was approved for an increase of \$31,760 to relocate domestic water feeds to the four existing women's restrooms in the corners of the facility due to conflict and line deterioration. **Change Order # 122**, 3/1/15, was approved for an increase of \$58,492 to remove all portions of the upper concourse area drainage piping in twelve locations due to degraded piping. **Change Order # 128**, 3/1/15, was approved for an increase of \$35,771 to enclose an emergency generator room larger than originally anticipated. Work includes excavation and placement of foundations, concrete masonry walls, bar joists, roof decking, doors and frame, and painting of all new surfaces. **Change Order # 129**, 3/1/15, was approved for an increase of \$72,834 to extend new sanitary lines to the existing bus stop on the southeast corner of the stadium. **Change Order # 132**, 3/12/15, was approved for an increase of \$37,154 to replace the existing sanitary mains in three additional locations of the stadium. **Change Order # 133**, 3/12/15, was approved for an increase of \$55,127 to run domestic waterline and conduit for data connections for the Stadium Pavilion on the

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

southwest corner. Change Order # 137, 3/16/15, was approved for a decrease of \$27,563 to furnish a credit for revision of the floor finishes to the Loft Club #1M66, Loge Club, and Premium Suites. Change Order # 139, 3/24/15, was approved for an increase of \$82,497 to modify the Loge seating area to include power receptacles for the TV units as well as convenience power with USB charging capability for patrons.

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: 12

Cumulative Change Order Amount: \$153,862

Low Bid: \$699,999

Revised Contract Amount: \$853,861

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: Marrillia Design & Construction

Contract # 7500042968

Total Change Orders to Date: 6

Low Bid: \$1,896,460

High Bid: \$2,062,000

Number of Bids: 3

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

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

Original Contract Amount:

\$1,896,460

Cumulative Change Order Amount:

\$22,389

Revised Contract Amount:

\$1,918,849

Contract Percent Complete:

17%