

FCR 14

Office of the President
February 19, 2016

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending December 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 October 1, 2015 thru December 31, 2015:

There were eight new contracts this quarter:

- | | |
|----------------|--|
| Project 2394.0 | Renovate/Upgrade Hospital Facilities – Good Samaritan Emergency Department
- Wehr Constructors Inc., \$542,649 (<i>Construction</i>) |
| Project 2395.0 | Construct/Expand/Renovate Ambulatory Care Facility – Kentucky Clinic Med Plaza 2 nd Floor and Urology Clinic
- BCD Inc., \$2,548,900 (<i>Construction</i>) |
| Project 2406.0 | Repair/Upgrade/Improve Building Systems – UK HealthCare Good Samaritan Air Handling Units #20 & #22
- Finney Company, \$1,247,000 (<i>Construction</i>) |
| Project 2409.0 | Repair/Upgrade/Improve Building Systems – UK HealthCare Pavilion HA Air Handling Unit #9
- H&R Mechanical Contractors, \$1,111,000 (<i>Construction</i>) |
| Project 2426.0 | Construct/Replace/Upgrade Student Housing – Fit-up Creative Arts in Limestone Park I
- Messer Construction Co., \$166,000 (<i>Construction</i>) |
| Project 2431.0 | Renovate Academic/Administrative Space 1 – Nutter Football Training Facility
- JRA Architects \$331,460 (<i>Design</i>) |
| Project 2432.0 | Repair/Upgrade/Improve Electrical Infrastructure – Student Housing Project Phase III
- Dixon Electric, Inc., \$646,980 (<i>Construction</i>) |
| Project 2437.0 | Construct Baseball Facility
- RossTarrant Architecture, \$3,078,000 (<i>Design</i>) |

Four contracts were completed this quarter:

- Project 2398.0 Center for Applied Energy Research Slipstream
- Hall Contracting, \$1,800,593
- Project 2401.0 Renovate Soccer/Softball Locker Room
- Olympic Construction, \$1,612,561
- Project 2412.0 Improve/Upgrade Alumni Drive
- ATS Construction, \$4,171,732
- Project 2422.0 Repair/ Upgrade/Improve Civil Site Infrastructure – South Campus
Parking Lot Expansion
- ATS Construction, Inc., \$1,213,418

Four amendments were as follows:

- Project 2345.0 Renovate/Expand Gatton Building
- Provide additional consulting services required for audio-visual design of Conference Room 132F and for bidding and construction administration services for the building graphics/wayfinding package. (+) \$19,650
- Project 2396.0 Renovate/Expand Student Center
- Provide additional design services associated with the new visitor's center, underground loading dock, expansion of all-you-can-eat dining, student center organizations, food service, and theaters. These design services also include increased scope of work associated with the historical structure of Alumni Gym and the addition of the Student Center in 1938, as well as the mitigating and managing of the existing storm culvert. (+) \$1,601,572
- Project 2402.1 Renovate/Upgrade UK HealthCare Facilities – Pavilion A 9th & 10th
Floors and Elevators
- Provide additional design services required to implement a green roof strategy, construct a mock-up of a NICU patient room, modify the AHU fan array motor control, implement electrical and technology coordination for the kitchen elevator, and to provide power and technology design for the pneumatic tube system. (+) \$108,500
- Project 2417.0 Renovate/Upgrade Academic Space - Patterson Hall
- Provide additional consulting services required to re-design the foundation for the South Stair D tower at Patterson Hall as a result of a conflict with an existing electrical ductbank. (+) \$1,900

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

- Project 2345.0 Renovate/Expand Gatton Building
- Provide the necessary fire rating for existing stairs located in Area B. (+) \$38,801
 - Add a roof drain adjacent to the clerestory window on the north side in Area B due to inadequate space at the bottom of the window where the existing roof ties into the window flashing. (+) \$31,784
 - Provide the necessary structural elements to support brick walls along the expansion joint between Areas B and C. (+) 32,243
- Project 2362.0 Upgrade/Expand Commonwealth Stadium
- Negotiated settlement to offset some of the claimed and justifiable expenses incurred by the Construction Manager and subcontractors related to the completion and closeout of the Commonwealth Stadium Project. (+) \$1,650,000
- Project 2363.0 Construct Academic Science Building
- Furnish and install spray applied fire resistant material (SFRM) on the vertical support sections of the exterior pier that are partially exposed to the weather. (+) \$39,126
 - Provide for the addition of lead roof piping in the smaller lecture halls. No continuation for the roof leaders was shown to the roof drains. (+) \$26,973
 - Provide for electrical modifications allowing electrical outlets inside the fume hoods instead of outside the fume hoods. (+) \$88,036
 - Remove existing sawtooth relief angles and provide new sawtooth relief angles on the lecture hall wing of the building. (+) \$34,781
 - Add a redundant chilled water pump for optimal system performance and maintainability. (+) \$87,640
 - Provide an additional laboratory exhaust fan and associated ductwork. (+) \$54,608
 - Provide a credit for changes in the audio-visual equipment providing both better technology and a cost savings. (-) \$60,418
 - Provide hand crafted rake joints to provide the best overall aesthetic. (+) \$84,175
 - Provide additional support for the brick veneer above the curtainwall framing for both stairs c and d. (+) \$48,018
 - Provide for realignment of the storm pipe due to the found condition of existing infrastructure obstructing the proposed storm sewer route. (+) \$94,448
- Project 2369.0 Upgrade/Relocate Pediatric Critical Care Unit
- Provide for relocation of the existing nurse calls located in four of the patient rooms and bathrooms. (+) \$25,152

- Project 2396.0 Renovate/Expand Student Center
- Delete the steam piping and valves and provide expansion valves on the piping in the utility tunnel and at the bridge. (+) \$67,256
 - Provide for addition of Adams valves on the High Pressure Steam (HPS) line located in the Avenue of Champions tunnel to assure the safe operation of the steam distribution. (+) \$34,606
 - Provide for installation of a 6" condensate return line underneath the Avenue of Champions at Lexington Avenue. (+) \$39,214
 - Install a pedestrian pedway canopy on the sidewalk of Avenue of Champions for the overhead protection at the Limestone Park I project. (+) \$76,268
- Project 2397.0 Construct Football Training and Practice Fields
- Add 227 power and USB receptacles to serve staff and coach's lockers. (+) \$33,028
 - Provide a credit for the deletion of 151 TV mounting brackets. (-) \$38,609
- Project 2398.0 Center for Applied Energy Research Slipstream
- Provide an additional expansion joint in the upper flue gas supply and return piping. (+) 47,500
- Project 2402.1 Renovate/Upgrade UK HealthCare Facilities – Pavilion A 9th & 10th Floors and Elevators
- Replace ceramic floor tile in six public restrooms. (+) \$118,462
- Project 2402.6 Renovate/Upgrade UK HealthCare Facilities - MRI, Hyperbaric, & Radiology
- Furnish and install a Honeywell International Fire Alarm system compatible with the existing building fire alarm system in lieu of the Allied system. (+) \$55,335
- Project 2417.0 Renovate/Upgrade Academic Space – Patterson Hall
- Extend the communications ductbank to the manhole closer to Martin Luther King Boulevard. (+) \$35,711
 - Provide structural remediation to connect the existing wall and floors at several locations. (+) \$28,182

Action taken: Approved Disapproved Other _____

CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

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

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY REPORT

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Major Projects
Capital Project Management Division
January 2016

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 and UK HealthCare are complete pending some punch list items necessary for substantial completion. A 30 day performance test to evaluate all activities on the UK security platform was initiated on October 28, 2015 and completed on November 28, 2015. This performance test identified some deficiencies that are being addressed prior to issuance of substantial completion. The substantial completion is now expected by January 2016.

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 also will 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:

Mechanical, electrical, and plumbing (MEP) continues in all areas. Metal stud and drywall installation continues. Building envelope construction continues with glass and brick installation. Temporary heating continues. The anticipated construction completion date remains July 2016.

Construct Baseball Facility – Design Phase

Project Description:

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

Project Status:

The programming phase was completed. The project is now in the schematic design phase. The RFP for selection of the Construction Manager for design phase services has been posted and the selection is expected to be complete by early February 2016.

Construct/Expand/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 temporary dust partition in the public corridor is up, perimeter wall framing has been extended to the deck with drywall partially installed, plumbing penetrations are laid out and core drilling continues. HVAC sheet metal demo is ongoing. In the next month, installation of piping, framing, and drywall will continue. Substantial completion is scheduled for May 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:

Construction documents have been reviewed. Bids will be taken in February 2016.

Construct/Expand/Renovate Ambulatory Care Facility – UK HealthCare (Warren Wright Medical Plaza 1st Floor)

Project Description:

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

Project Status:

Programming is complete; schematic design documents are due January 15, 2016.

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 also will include administrative offices, locker spaces, team meeting areas, training areas, high performance and weight room spaces, equipment rooms, a hydrotherapy room, player locker rooms, lounge facilities, facilities for a training table, an academic lounge/study area, and an entrance lobby with enhanced visitor amenities.

Project Status:

The structure is complete and enclosed for work to continue thru the winter months. Fire proofing of the structure is near complete and walls are ninety percent framed throughout both floors. Underground and under floor electrical work, plumbing work and hydrotherapy concrete pool structures under the first and second floors are complete. The hydrotherapy pools have been set. The in-wall and overhead rough-in of mechanical and electrical elements are following closely behind the framing. Air handlers are being set. Door frames are going into place and the installation of drywall on the first floor is moving forward. In-wall inspections are taking place weekly.

The area for the two practice fields is complete to the sub-base. Installation of the field drainage system and irrigation piping is eighty-five percent complete. When these two elements are completed, work on this area is expected to slow until the spring. When the weather breaks, final installation of the playing surfaces will begin. The masonry fencing surrounding the practice fields is fifty percent complete. Work will continue on this element thru the winter months as temperatures allow. Substantial completion is set for summer 2016, prior to the beginning of the 2016 football fall practice activities.

Construct/Replace/Upgrade Student Housing (Fit-up Creative Arts in Living Learning Program Space in Limestone Park I)

Project Description:

This project will fit-up shelled space in the new Limestone Park I housing facility for a creative arts living learning program. This project will provide music practice rooms, a multipurpose art education studio, creative writer's

laboratory with computers, performance space with large-scale visualization capability for dance, music and theatre, and rooms conducive for group interaction.

Project Status:

Bids were received on December 8, 2015. Initial trade contracts are being awarded. Initial under slab plumbing and sheet metal work have begun. The project is to be substantially complete in July 2016.

Construct Research Building 2

Project Description:

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

Project Status:

The project will be six packages to support the design process and the schedule. The packages are Design Release (DR) #1 – Site Clearing and Utilities; DR #2 – Foundations/Underground Utilities; DR #3A Building Concrete Frame; DR #3B – Core & Shell/Main MEP Systems/Site Improvements; DR #4 Elevators; and DR #5 – Building Fit-Out.

The design of the project is proceeding with the documents of the various design releases proceeding the bidding phase for each release by approximately six weeks. The bulk of the project is in the design development phase at this time.

Emergency Replacement of Central Heating Plant Boilers

Project Description:

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

Project Status:

The temporary boiler is in place and operational. The new replacement boilers are being manufactured. Design of the necessary construction modifications to the existing central heating plant to accommodate the installation and operation of the new permanent boilers is ongoing.

Renovate Academic/Administrative Facility 3 – Combs Cancer Research Building

Project Description:

This project will renovate approximately 2,575 net assignable square feet of the Combs Cancer Research Building animal facility. The renovated space will provide a needed bio-exclusion barrier housing unit on the east biomedical complex campus. The project also will relocate an existing bedding dispenser and install a new dry heat sterilizer and a new automated conveyor system. The conveyor system will help prevent staff injuries.

Project Status:

The project documents were submitted to the National Institute of Health (NIH) for review in October 2015. The initial review requested responses, and those responses were submitted and agreed to by the NIH. The NIH has asked for corrected drawings to confirm. The grant award stipulates that NIH approval is required before the project bids.

Renovate Academic/Administrative Space 4 - Anderson Hall

Project Description:

This project will renovate a computer lab to a Chemical and Materials Engineering teaching lab and includes structural improvements, floor replacement, and other infrastructure and life safety repairs. The project requires relocating a men's restroom adjacent to a women's restroom and upgrading both to comply with the Americans with Disabilities Act Standards for Accessible Design.

Project Status:

Abatement is complete and general demolition is underway. Submittals are in review and materials are being ordered.

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 also will 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:

Completion of the work is occurring in multiple phases. Phase I was beneficially occupied in August 2015 in time for the 2015 fall semester. It included renovating the original 1963 building and the new addition.

Phase II, which partially overlaps Phase I, consists of the renovation of the 1991 addition (Area B). Drywall work is in progress on all floors of Area B; MEP rough-ins are proceeding ahead of closing walls and ceilings. Site development of the garden plaza is continuing, along with work on the exterior facades. This work is scheduled for completion in 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 378,000 square feet and will include an atrium, recreation area, lounges, conference facilities, entertainment venues, retail space, food service, bookstore, student organization space and administrative support offices.

Project Status:

Early enabling bid package #1 continues with a few remaining abatement, demolition and site utilities areas to be completed. Mass excavation of the site continues. The 1938 section of the Student Center and the existing Alumni Gym are fully enclosed and with temporary heating following their interior abatement and demolition. Bid package #2 which includes foundations and structural steel was awarded this past period. Bid package #3 which includes all remaining fit-up trade categories is scheduled for bids to be opened on January 12 and January 26, 2016. The overall construction activities are scheduled to be completed in December 2017.

Renovate Lucille Little Library (Confucius Institute)

Project Description:

The Hanban/Confucius Institute Headquarters of China is a public institution affiliated with the Chinese Ministry of Education and provides Chinese language and cultural teaching resources and services worldwide. The University of Kentucky Confucius Institute was established in 2010 as a center for Chinese language, culture, art, and business and a gateway to China for the University. It has been recognized as Confucius Institute of the Year in 2012 and 2014, one of 15 awards given annually to more than 400 Confucius Institutes worldwide in 115 countries. The University of Kentucky has committed to renovate a portion of the ground floor of the Lucille Little Library for the Confucius Institute for a period of not less than 25 years. The dedicated area consists of approximately 6,200 square feet of interior space and 1,800 square feet of exterior space. The renovation is estimated to cost \$1,700,000. The total estimated cost of the space, including renovation and the value of the site, maintenance, and utilities for the period of the agreement is \$5,600,000.

Project Status:

Waiting on Capital Projects and Bond Oversight Committee (CPBOC) approval.

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 also will 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 of this project has been increased to \$15M to 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:

Congleton-Hacker is providing construction management services for the renovation of Patterson Hall. Construction work continues to make progress in the building. Exterior masonry and cornice restoration continues. Interior wall framing and MEP rough-ins are in progress. Construction to be substantially complete in July 2016.

Site development work has been awarded to Messer Construction Co. to coincide with the site development work of the Limestone Park housing developments. Site development work to be completed by July 31, 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. The construction will be phased into multiple segments to allow patient care to continue throughout the renovation.

Project Status:

Construction documents were reviewed and approved by the University in December 2015. Bid documents are due January 15, 2016, with a bid date for the first bid pack of February 26, 2016. The project is divided into eight construction phases, with construction to take 21 months.

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, UK HealthCare (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 nine elevators.

Project Status:

Punch list has begun on both the 9th and 10th floors. All finish work is progressing on schedule. The 10th floor work lags behind the 9th floor work to allow for a phased opening. Equipment installation and fixture trim out is occurring. Commissioning activity has begun. One additional staff elevator was inspected and turned over for use in December 2015. Substantial completion is currently scheduled for July 2016.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – MRI, Hyperbaric, & Radiology

Project Description:

This project will include the fit up of 15,000 SF of shell space for use as a radiology suite - to include MRI, Ultrasound, CT Scan, and support functions - as well as 875 SF of shell space for use as a hyperbaric treatment suite.

Project Status:

Demolition is complete. Wall framing is nearly complete. Mechanical, Electrical, and Plumbing rough in is progressing. Substantial completion is currently scheduled for August 2016.

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

Project Description:

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

Project Status:

The design development (DD) phase is complete and DD review plans have been distributed for review. Work continues on construction documents (CDs) in preparation for a June 2016 bid.

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

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.

Project Status:

Construction is progressing on schedule. Wall framing is complete. MEP rough in is progressing nicely. All kitchen equipment has been coordinated. Walk in coolers have been installed. Substantial completion is currently scheduled for June 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 cooling tower basin is near complete on the east, west, and south elevations. All columns are in place and the installation of the cooling towers is underway. The pouring of the north elevation in the next several weeks will serve to enclose the cooling tower and complete this construction.

The chiller within the existing plant has been set. The process of connecting the new chiller to the existing plant is ongoing. This work could only be completed after the plant has been taken off line for the winter months. Piping and electrical connections are forty-five percent complete. The schedule calls for all connections to be in place for the cooling plant to come back on line in early March. Substantial Completion is currently scheduled for April 2016.

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

Project Description:

This project will fit-out patient floor 11 in Pavilion A. This will include 64 patient rooms; 24 ICU plus 40 acute rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Project Status:

The design team has completed design development plans and is working toward construction documents. The project is planned for bid in second quarter 2016.

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

Project Description:

This project will fit-out 10,200 SF of shell space on the 2nd floor of Pavilion A to expand the existing Surgery Department. This will include 5 ORs, a Hybrid OR, and support spaces.

Project Status:

Several meetings with the end users have taken place. The design team has completed design development plans and is working toward construction documents.

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) – Blood Bank/PT/RT/OT Capacity Command Central Monitoring

Project Description:

This project will fit-up shell space on the 3rd floor of the Pavilion A for use as Blood Bank, Physical Therapy, Respiratory Therapy, and Occupational Therapy. Space in Pavilion H also will be renovated for use the relocation of Capacity Command and Central Monitoring.

Project Status:

This project was recently bid and is in budget. Demolition has begun on the 5th floor of Pavilion H. Framing has begun in Pavilion A. Substantial completion is currently scheduled for June 2016.

Repair/Upgrade/Improve Building Systems – UK HealthCare (Good Samaritan Hospital Replace Electrical Switchgear)

Project Description:

This project will replace a portion of the electric switchgear located in the Good Samaritan Hospital. The electric switchgear, original to the hospital building, controls the distribution of electricity throughout the facility. A portion of the switchgear is susceptible to failure and replacement is critical to ensure reliable electrical service for patient care and to meet regulatory requirements. This project also includes re-circuiting several crucial services to minimize downtime during the switchgear replacement.

Project Status:

Construction is ongoing and installation is eighty-five percent completed. Electrical gear is in place and energized. Three of six panels have been moved over to the new gear. Outages are being coordinated for the remaining three panel moves. State Fire Marshal inspections are ongoing.

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

Project Description:

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

Project Status:

This project is in the demolition and construction coordination stage. Substantial completion is currently scheduled for April 2016.

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

Project Description:

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

Project Status:

This project is in the demolition and construction coordination stage. Substantial completion is currently scheduled for April 2016.

Repair/Upgrade/Improve Electrical Infrastructure (Student Housing Project Phase III)

Project Description:

This project will upgrade and improve the electrical infrastructure for all components of Student Housing Phase III, by providing 12KV electrical service from two substations to improve reliability and redundancy. The project will include installation of a pad-mounted switch between the two building sites and electrical duct banks to each building transformer. This switch will be powered from the University Utility Substation #3 as the primary source and Utility Substation #1 as the secondary source for backup and load sharing.

Project Status:

This project bid in December 2015 and was awarded to Dixon Electric. Work is to be substantially completed by June 2016.

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:

The contractor continues work in Phase II (The Circle of Blue desk) and will then complete work in Phase I (zone) thereafter. All work in Phase I is scheduled to complete in April 2016.

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 also will include retail space and shelled space to be fitted out by the University. Limestone Park II (LPII) also will 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)

Structural frame has been completed and metal wall framing is in progress. MEP rough-ins are in progress. Drywall work is following MEP rough-ins. Exterior masonry, windows, and roofing are also in progress.

Limestone Park II (North Building)

Structural frame has been completed and metal wall framing is in progress. MEP rough-ins are in progress. Drywall work is following MEP rough-ins. Interior casework and painting have begun. Exterior masonry, windows, and roofing are also in progress.

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

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

Project Description:

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

Project Status:

An RFP has been issued and proposals are due at the end of January 2016. An engineer is expected to be selected and under contract by March 2016.

University Flats

Project Description:

This project is the Phase III-A development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on-campus undergraduate and graduate student housing. This building will be divided by a separation wall so as to provide undergraduate housing on one side which will be separated from graduate housing on the other side. The building will be 7 stories high, with a total of 772 beds, including 59 studio apartment units. This building will sit on a green field between the Blanding Complex and University Drive.

Project Status:

The building structural frame and in-slab and under-slab MEP rough-ins are in progress. This project is scheduled for completion in the summer of 2017.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Campus Security System

Project Number: 2342.00

Scope: \$5,000,000

Project Description:

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

Consultant: Biagi, Chance, Cummins, London & Titzer

Contract # A131060B

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$50,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$50,000

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

Contract # 7500014489

Total Change Orders to Date: 36

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount:	\$3,624,511
Cumulative Change Order Amount:	\$235,509
Revised Contract Amount:	\$3,860,020
Contract Percent Complete:	99%

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Center for Applied Energy Research Slipstream Capital Project

Project Number: 2398.00

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: 9

Cumulative Change Order Amount: \$93,593

Low Bid: \$1,707,000

Revised Contract Amount: \$1,800,593

High Bid: \$1,707,000

Contract Percent Complete: 100%

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. **Change Order # 9**, 10/12/15, was approved for an increase of \$47,500 to provide an additional expansion joint in the upper flue gas supply and return piping.

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: 1

Original Contract Amount: \$7,445,842

Cumulative Amendment Amount: \$751,250

Revised Contract Amount: \$8,197,092

Describe all amendments :

Amendment 1, 4/14/15, an increase of \$751,250 was approved for additional design of bid packages not originally envisioned at the start of the project. These include relocation of the occupants of Wenner Gren into the Multi-Disciplinary Science building, long lead delivery coordination affecting elevators and structural steel frame, and the academic fit-up of six shelled rooms due to favorable bids to date. **No amendments this quarter.**

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

Contract # 7500019604

Total Change Orders to Date: 66

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$84,983,096

Cumulative Change Order Amount: \$2,599,974

Revised Contract Amount: \$87,583,070

Contract Percent Complete: 57%

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

Change Order # 17, 8/8/14, was approved for an increase of \$250,260 to provide for disposal and oversight of disposal of non-friable asbestos discovered within the exterior cavity of Donovan Hall during demolition, as well as disposal of impacted materials such as exterior brick and portions of the concrete frame. **Change Order # 19**, 12/21/14, was approved for an increase of \$27,198 to provide for handling and disposal of non-friable asbestos discovered in the roof of the Werner Gren Addition and the parapet of the original Wenner Gren building. **Change Order # 22**, 12/21/14, was approved for an increase of \$27,278 to provide third party oversight and sampling/monitoring provided by Sierra Environmental during asbestos abatement and disposal on Donovan Hall as well as numerous locations of site utilities. **Change Order # 26**, 5/18/15, was approved for a decrease of \$76,017 to provide vertical sashes for the bench-top fume hoods and demonstration hoods, in lieu of combination sashes that are not necessary for the end user. **Change Order # 31**, 7/30/15, was approved for a decrease of \$56,083 to provide a credit to omit the work for the temporary sidewalk installation along the west elevation of Haggin Hall. **Change Order # 33**, 8/5/15, was approved for an increase of \$113,851 provide for the addition of a rainwater and condensate collection system to supply an irrigation system. **Change Order # 34**, 8/5/15, was approved for an increase of \$79,600 to replace the lighting fixtures in office spaces with pendant fixtures to provide aesthetic and serviceability consistency with the other lighting throughout the floor. **Change Order # 35**, 8/31/15, was approved for an increase of \$439,767 to complete the mechanical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 36**, 8/31/15, was approved for an increase of \$303,728 to complete the electrical work associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 37**, 8/14/15, was approved for an increase of \$38,862 to provide and install additional basement underslab drainage and corresponding sump system. **Change Order # 38**, 8/31/15, was approved for an increase of \$193,004 to provide laboratory equipment and casework associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 39**, 8/31/15, was approved for an increase of \$311,423 to complete the interior construction associated with fit-up of an additional six rooms and four mechanical closets of shell space. **Change Order # 40**, 8/28/15, was approved for an increase of \$126,310 to provide additional occupancy sensors to one hundred eighteen fume hoods. This will increase HVAC efficiency and reduce energy consumption costs with a four year payback. **Change Order # 41**, 8/28/15, was approved for an increase of \$67,139 to provide supplemental

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

structural steel framing masonry relief required to support the masonry construction along the column line that extends back over the building low roof. **Change Order # 44, 10/02/15, was approved for an increase of \$39,126 to furnish and install spray applied fire resistant material (SRFM) on the vertical support sections of the exterior pier that are partially exposed to the weather. Change Order # 45, 10/02/15, was approved for an increase of \$26,973 to provide for the addition of roof leading piping in the smaller lecture halls. No continuation for the roof leaders was shown to the roof drains. Change Order # 51, 11/18/15, was approved for an increase of \$88,036 to make electrical modifications allowing electrical outlets inside the fume hoods instead of outside the fume hoods. Change Order # 53, 11/19/15, was approved for an increase of \$34,781 to remove existing sawtooth relief angles and provide new sawtooth relief angles on the lecture hall wing of the building. Change Order # 56, 12/15/15, was approved for an increase of \$87,640 to add a redundant chilled water pump for optimal system performance and maintainability. Change Order # 58, 12/15/15, was approved for an increase of \$54,608 to add an additional laboratory exhaust fan and associated ductwork. Change Order # 61, 12/15/15, was approved for a decrease of \$60,418 to provide a credit for changes in the audio-visual equipment providing both better technology and a cost savings. Change Order # 62, 12/15/15, was approved for an increase of \$84,175 to provide hand crafted rake joints to provide the best overall aesthetic. Change Order # 63, 12/15/15, was approved for an increase of \$48,018 to provide additional additional support for the brick veneer above the curtainwall framing for both stairs c and d. Change Order # 66, 12/16/15, was approved for an increase of \$94,448 to realign the storm pipe due to the found condition of existing infrastructure obstructing the proposed storm sewer route.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Baseball Facility - Design Phase

Project Number: 2437.00

Scope: \$4,000,000

Project Description:

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

Consultant: RossTarrant Architects, Inc.

Contract # A161110

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$3,078,800
Cumulative Amendment Amount:	
Revised Contract Amount:	\$3,078,800

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:	
Cumulative Change Order Amount:	
Revised Contract Amount:	
Contract Percent Complete:	

Construct/Expand/Renovate Ambulatory Care Facility - UKHC (KY Clinic Medical

Project Number: 2395.00

Scope: \$3,230,000

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.

Consultant: JRA Architects

Contract # A151190

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$254,144
Cumulative Amendment Amount:	
Revised Contract Amount:	\$254,144

Contractor: BCD Inc.

Contract # 7500059961

Total Change Orders to Date:

Low Bid: \$2,548,900

High Bid: \$2,899,000

Number of Bids: 5

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

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

Original Contract Amount:	\$2,548,900
Cumulative Change Order Amount:	
Revised Contract Amount:	\$2,548,900
Contract Percent Complete:	8%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Expand/ Renovate Ambulatory Care Facility - UKHC (Pediatric

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 # A16100ZZ

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/Expand/Renovate Ambulatory Care Facility - UKHC (Warren Wright

Project Number: 2433.00

Project Description:

Scope: \$3,300,000

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

Consultant: Champlin Architecture

Contract # A161100

Original Contract Amount:

\$239,900

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$239,900

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct 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:

\$34,913,719

Total Change Orders to Date: 61

Cumulative Change Order Amount:

\$272,984

Low Bid:

Revised Contract Amount:

\$35,186,703

High Bid:

Contract Percent Complete:

44%

Number of Bids:

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

Change Order # 13, 6/11/15, was approved for an increase of \$37,255 to relocate the existing power to three manholes due to excavation associated with the project. Change Order # 35, 8/20/15, was approved for a decrease of \$38,850 to provide a credit for the removal of the cantilevered balcony at the four smaller observation towers viewing the practice fields. Change Order # 39, 9/1/15, was approved for an increase of \$48,174 to create a temporary parking lot for game day parking and contractor parking between the new College Way and previous College Way locations. Change Order # 49, 10/21/15, was approved for an increase of \$33,028 to add two-hundred twenty seven power and USB receptacles to serve staff and coach's lockers. Change Order # 56, 11/1/15, was approved for a decrease of \$38,609 to provide a credit for the deletion of one-hundred fifty-one TV mounting brackets.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct/Replace/Upgrade Student Housing (Fit-up Creative Arts Living Learning

Project Number: 2426.00

Scope: \$2,144,500

Project Description:

This project will fit-up shelled space in the new Limestone Park I housing facility for a creative arts living learning program. This project will provide music practice rooms, a multipurpose art education studio, creative writer's laboratory with computers, performance space with large-scale visualization capability for dance, music and theatre, and rooms conducive for group interaction.

Consultant: Sherman Carter Barnhart

Contract # A151230

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$200,520
Cumulative Amendment Amount:	
Revised Contract Amount:	\$200,520

Contractor: Messer Construction Co.

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

Contract # 7500062829

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:	\$1,799,700
Cumulative Change Order Amount:	
Revised Contract Amount:	\$1,799,700
Contract Percent Complete:	

Construct Research Building 2

Project Number: 2425.00

Scope: \$165,000,000

Project Description:

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

Consultant: Champlin Architecture

Contract # A151270

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$11,397,600
Cumulative Amendment Amount:	
Revised Contract Amount:	\$11,397,600

Contractor: The Whiting-Turner Contracting Company

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 # 7500057013

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:	\$8,712,868
Cumulative Change Order Amount:	
Revised Contract Amount:	\$8,712,868
Contract Percent Complete:	

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: 22

Cumulative Change Order Amount: \$503,766

Low Bid: \$9,991,000

Revised Contract Amount: \$5,908,253

High Bid: \$5,404,487

Contract Percent Complete: 99%

Number of Bids: 9

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

Change Order # 12, 6/30/15, was approved for an increase of \$41,095 to excavate rock on each side of the existing water line by hand method in lieu of the use of a mechanical hoe ram. Change Order # 13, 7/7/15, was approved for an increase of \$60,957 to haul off unusable excavation material to a waste area offsite. Change Order # 14, 7/27/15, was approved for an increase of \$39,036 to provide overtime labor and additional equipment rental as needed to complete in time for fall planting. The project fell behind due to extreme adverse weather. Change Order # 15, 8/14/15, was approved for an increase of \$142,569 to install rock swales to maintain and channelize the flow of multiple springs, seeps, and other ground water. Change Order # 19, 9/11/15, was approved for an increase of \$28,599 to excavate and backfill the stone retaining wall due to erosion and maintenance issues. No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Emergency Replacement of Central Heating Plant Boilers

Project Number: 2429.00

Scope: \$8,500,000

Project Description:

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

Consultant: Staggs & Fisher Engineers

Contract # A161070

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$413,300

Cumulative Amendment Amount:

Revised Contract Amount: \$413,300

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Improve/Upgrade Alumni Drive

Project Number: 2412.00

Scope: \$5,000,000

Project Description:

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

Consultant: CDM Smith

Contract # A151120

Total Amendments to Date: 1

Original Contract Amount: \$619,367

Cumulative Amendment Amount: \$69,500

Revised Contract Amount: \$688,867

Describe all amendments :

Amendment 1, 8/11/15, an increase of \$69,500 was approved to provide additional construction administration services as necessary for the increased level of coordination to include bi-weekly coordination meetings, a full-time senior inspector, facilitation of public relations, and administrative coordination of the UK EComm system.

Contractor: L-M Asphalt Partners, Ltd, dba ATS Construction

Contract # 7500048383

Total Change Orders to Date: 23

Low Bid: \$3,841,229

High Bid: \$5,198,078

Number of Bids: 3

Original Contract Amount: \$3,841,229

Cumulative Change Order Amount: \$330,504

Revised Contract Amount: \$4,171,732

Contract Percent Complete: 100%

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

Change Order # 3, 6/8/15, was approved for an increase of \$25,153 to provide for installation of high voltage electrical conduit under University Drive near the roundabout for future access to south side of Alumni. Change Order # 7, 7/7/15, was approved for an increase of \$68,924 to provide for undercut remediation of the spoiled roadbed soil along six sections of Alumni Drive totaling a length of 1,018 feet. Change Order # 14, 8/21/15, was approved for an increase of \$115,006 to enhance safety along Alumni Drive by installing twenty-nine light fixtures around both roundabouts and the section of roadway between the two roundabouts. No change orders greater than \$25,000 this quarter.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Facility 3 - Combs Cancer Research Building

Project Number: 2428.00

Project Description:

Scope: \$1,099,449

This project will renovate approximately 2,575 net assignable square feet of the Combs Cancer Research Building animal facility. The renovated space will provide a needed bio-exclusion barrier housing unit on the east biomedical complex campus. The project also will relocate an existing bedding dispenser and install a new dry heat sterilizer and a new automated conveyor system. The conveyor system will help prevent staff injuries.

Consultant: Omni Architects

Contract # A161000KK

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$48,000

Cumulative Amendment Amount:

Revised Contract Amount:

\$48,000

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Space 1 - Nutter Football Training Facility

Project Number: 2431.00

Scope: \$3,500,000

Project Description:

The Nutter Football Training Facility will be vacated in the summer of 2016 when the UK Football program moves into the new Training Center thus making space available for other programs. This project will renovate approximately 29,150 square feet of the Nutter Football Training Facility for the Sports Science Research Institute, a new UK Athletics Academic Center, and other UK Athletic programs. The Sports Science Research Institute (SSRI) focuses on prevention and treatment of sports injuries and concussions, performance optimization, musculoskeletal health and rehabilitation, metabolism, and neuro-cognition. The renovated space will include centralized assessment and testing space, a physiology area, group work areas, a reception/waiting area, and an entrance for the SSRI. The new UK Athletics Academic Center will include tutoring rooms, a computer lab and offices as well as new restrooms. Other UK Athletic programs such as Track and Field, Golf and Gymnastics will be moved into existing offices which will also receive minor renovations and upgrades. The existing equipment room will be renovated to become Central Equipment/Receiving for UK Athletics programs and the existing Athletic Training Area will be upgraded for use by all sports athletic training. Other areas such as the Men's Coaches' Locker Room, Weight Room, Nutrition and auditorium will receive minor upgrades. Graphics throughout the building will be upgraded to reflect all UK Athletics Sports programs. Additionally, two existing skylights will be replaced and mechanical and electrical systems upgraded to applicable codes and standards.

Consultant: JRA Architects

Contract # A161120

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$331,460
Cumulative Amendment Amount:	
Revised Contract Amount:	\$331,460

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:	
Cumulative Change Order Amount:	
Revised Contract Amount:	
Contract Percent Complete:	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Academic/Administrative Space 4 - Anderson Hall

Project Number: 2436.00

Scope: \$797,614

Project Description:

This project will renovate a computer lab to a Chemical and Materials Engineering teaching lab and includes structural improvements, floor replacement, and other infrastructure and life safety repairs. The project requires relocating a men's restroom adjacent to a women's restroom and upgrading both to comply with the Americans with Disabilities Act Standards for Accessible Design.

Consultant: Murphy+Graves+Trimble

Contract # A161000II

Original Contract Amount: \$65,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$65,000

No amendments this quarter.

Contractor: BCD

Contract # 4300147592

Original Contract Amount: \$535,800

Total Change Orders to Date: 4

Cumulative Change Order Amount: \$23,984

Low Bid: \$535,800

Revised Contract Amount: \$559,784

High Bid: \$647,500

Contract Percent Complete: 25%

Number of Bids: 4

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

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

Renovate Old Softball/Soccer Locker Room

Project Number: 2401.00

Scope: \$2,200,000

Project Description:

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

Consultant: Brandstetter Carroll, Inc.

Contract # A151090

Original Contract Amount: \$62,800

Total Amendments to Date: 1

Cumulative Amendment Amount: \$12,000

Describe all amendments :

Revised Contract Amount: \$74,800

Amendment 1, 4/14/15, an increase of \$12,000 was approved to provide for special inspections, fire protection flow test, and plan review fees. No amendments this quarter.

Contractor: Olympic Construction

Contract # 7500046801

Original Contract Amount: \$1,586,198

Total Change Orders to Date: 9

Cumulative Change Order Amount: \$26,363

Low Bid: \$1,586,198

Revised Contract Amount: \$1,612,561

High Bid: \$1,956,950

Contract Percent Complete: 100%

Number of Bids: 8

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

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: 5

Original Contract Amount: \$3,716,149

Cumulative Amendment Amount: \$1,851,516

Revised Contract Amount: \$5,567,665

Describe all amendments :

Amendment 1, 6/11/13, an increase of \$1,752,276.24 was approved to provide bidding and construction administration services which were not included in the original contract due to phased legislative authorities, and includes expanded programming and design services. **Amendment 2**, 12/10/13, an increase of \$53,550 was approved for to provide for additional reimbursable services including fire modeling services and design & coordination of the building security system. **Amendment 3**, 7/8/14, a zero dollar amendment was approved to reduce reimbursable services by \$12,400 and increase design services by same to provide design and bidding services for a redesign of the landscaping plan and incorporation of a second retaining wall on the north slope of the site development. **Amendment 4**, 6/9/15, an increase of \$26,040 was approved to provide design services for the internet protocol television (IPTV) system along with revisions to the audio visual systems in the incubator lab, classrooms, finance learning center, and event space. **Amendment 5**, 12/9/15, an increase of \$19,650 was approved to provide additional consulting services required for audio-visual design of Conference Room 132F and for bidding and construction administration services for the building graphics/wayfinding package.

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: 292

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$52,535,331

Cumulative Change Order Amount: \$4,397,175

Revised Contract Amount: \$56,932,506

Contract Percent Complete: 90%

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

approved for an increase of \$35,000 to infill the existing openings in the concrete masonry (CMU) chase walls. Small openings are to be filled with fire caulking and large ones with CMU block. **Change Order # 46**, 11/7/14, was approved for an increase of \$44,068 to provide labor and material for switch from a knock-down hollow metal door frame to a welded frame on all doors. **Change Order # 52**, 11/24/14, was approved for an increase of \$27,387 to provide standpipes at the intermediate landings with a shaft surrounding the standpipe and valve cabinets to meet code requirements. **Change Order # 55**, 12/5/14, was approved for an increase of \$152,201 to make revisions to the power and low voltage plans in order to accommodate the forthcoming audio-visual package. **Change Order # 58**, 12/5/14, was approved for an increase of \$170,026 to provide changes to security hardware and software to assure compatibility with the campus security system. **Change Order # 62**, 1/8/15, was approved for an increase of \$147,600 to enclose and provide temporary heat to Areas A and C for the winter season allowing work to continue. **Change Order # 64**, 1/26/15, was approved for an additional \$53,411 - Provide for a necessary acceleration of fabrication of materials on site and added hours to make up lost time due to three specific subsurface issues that impacted sequencing of work for the concrete contractor's scope of work. **Change Order # 65**, 1/26/15, was approved for an increase of \$29,360 to switch from quarter sawn white ash to quarter sawn white oak solid trim metal throughout the project. This material will maintain the same custom stain coloration across all wood locations. **Change Order # 70**, 2/2/15, was approved for an increase of \$36,319 to furnish and install glass handrail/guardrail in the atrium and auditorium. **Change Order # 75**, 2/9/15, was approved for an increase of \$30,762 to revise the wireless rough-in layout for the large classrooms, auditorium, and other large spaces. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to incorporate new granite material rather than salvaged granite in the atrium and on the stair treads for the social stairs. Salvaged granite was determined to be unsuitable for use in these applications. **Change Order # 87**, 3/12/15 was approved for an increase of \$32,343 to add an additional layer of plywood and blocking at the classroom tiers and amend the construction of the risers due to constraints with the fixed table manufacturer mounting requirements. **Change Order # 83**, 3/1/15, was approved for an increase of \$54,946 to provide for a new selection of granite stair treads for the social stair as salvaged granite is unsuitable for use in this application. **Change Order # 87**, 3/12/15, was approved for an increase of \$32,343 to add an additional layer of plywood at the classroom tiers and modify the risers due to constraints with fixed table manufacturer mounting requirements. **Change Order # 103**, 4/6/15, was approved for an increase of \$140,180 to provide and install temporary egress stairs in the atrium to provide temporary means of egress from the classrooms located on second and third floors of the new addition during phase 2 of the project. **Change Order # 113**, 4/17/15, was approved for an increase of \$27,590 include materials needed to structurally modify and safely anchor the atrium catwalk and fall arrest system on the north side of the atrium. **Change Order # 148**, 6/1/15, was approved for an increase of \$192,325 to provide a system of temporary partitions, signage, and alarms necessary to ensure the conditions for proper separation during phased construction. **Change Order # 156**, 6/8/15, was approved for an increase of \$54,765 to provide additional power and data receptacles in the IT suite and Room 337C necessary to support the equipment to be used in the space. **Change Order # 159**, 6/8/15, was approved for an increase of \$38,217 to modify openings and install six hollow metal door frames at Stairs B & C in plan area A at the 2nd, 3rd, & 4th floor locations to accommodate new door widths. **Change Order # 163**, 6/10/15, was approved for an increase of \$25,351 to add pathways and infrastructure required for audio visual equipment in meeting room 132F. **Change Order # 172**, 6/23/15, was approved for an increase of \$39,289 to add a separate fan coil unit to the room in the IT suite 337 that has been changed from a storage room to a server room. **Change Order # 186**, 7/16/15, was approved for an increase of \$41,524 to add the linear slot diffusers to the east and west sides of the Atrium. **Change Order # 190**, 7/20/15, was approved for an increase of \$41,097 to modify the locations of vinyl film and fabricated letters to enhance privacy and wayfinding. **Change Order # 192**, 7/23/15, was approved for an increase of \$47,642 to provide electrical rough-in, drywall openings, and back boxes for the addition of motorized projection screens in classrooms on the first and second floors. **Change Order # 197**, 7/23/15, was approved for an increase of \$29,588 to add the needed steel to carry the loads of windows, walls, wood veneer panels, and other architectural elements at the northwest atrium alcove. **Change Order # 202**, 8/5/15, was approved for an increase of \$32,011 to provide for demolition and additional pavement of the sidewalks between the Matthews Building and Gatton. **Change Order # 232**, 9/11/15, was approved for an increase of \$117,735 to replace the brick sanitary manhole and the piping connecting it with a concrete structure on the southwest side due to degradation. **Change Order # 233**, 9/11/15, was approved for an increase of \$55,761 to provide the necessary fire rating and fire caulking needed in the existing stairs due to found conditions. **Change Order # 243**, 9/20/15, was approved for an increase of \$26,769 to reroute the power feed from the Administration Drive guard shack to the new electrical panel in Gatton. **Change Order # 264**, 11/9/15, was approved for an increase of \$38,801 to provide the necessary fire rating for existing stairs located in Area B. **Change Order # 273**, 11/18/15, was approved for an increase of \$31,784 to add a roof drain adjacent to the clerestory window on the north side in Area B due to inadequate space at the bottom of the window where the existing roof ties into the window flashing. **Change Order # 279**, 11/30/15, was approved for an increase of \$32,243 to provide the necessary structural elements to support brick walls along the expansion joint between Areas B and C.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Student Center

Project Number: 2396.00

Scope: \$201,250,000

Project Description:

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

Consultant: Omni Architects

Contract # A141210

Original Contract Amount: \$10,104,022

Total Amendments to Date: 1

Cumulative Amendment Amount: \$1,601,572

Describe all amendments :

Revised Contract Amount: \$11,705,594

Amendment 1, 11/10/15, an increase of \$1,601,572 was approved for additional design services associated with the new visitor's center, underground loading dock, expansion of all-you-can-eat dining, student center organizations, food service, and theaters. These design services also include increased scope of work associated with the historical structure of Alumni Gym and the 1938 section of the Student Center as well as the mitigating and managing of the existing storm culvert.

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

Contract # 7500038441

Original Contract Amount: \$37,453,329

Total Change Orders to Date: 25

Cumulative Change Order Amount: \$695,451

Low Bid:

Revised Contract Amount: \$38,148,780

High Bid:

Contract Percent Complete: 8%

Number of Bids:

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

Change Order # 3, 8/5/15, was approved for an increase of \$29,220 to install gravel bedding beneath the chilled water supply and return piping where the new steam piping is being installed. Change Order # 9, 10/1/15, was approved for an increase of \$67,256 to delete the steam piping and valves and provide expansion valves on the piping in the utility tunnel and at the bridge. Change Order # 11, 10/1/15, was approved for an increase of \$34,606 to add Adams valves on the High Pressure Steam (HPS) line located in the Avenue of Champions tunnel to assure the safe operation of the steam distribution. Change Order # 15, 11/1/15, was approved for an increase of \$39,214 to install a 6" condensate return line underneath the Avenue of Champions at Lexington Avenue. Change Order # 16, 11/1/15, was approved for an increase of \$76,268 to install a pedestrian pedway canopy on the sidewalk of Avenue of Champions for the overhead protection at the Limestone Park I project.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Academic Space - Patterson Hall

Project Number: 2417.00

Scope: \$15,000,000

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.

Consultant: Lord, Aeck & Sargent Inc.

Contract # A151160

Total Amendments to Date: 2

Original Contract Amount: \$7,500,000

Cumulative Amendment Amount: \$231,500

Revised Contract Amount: \$7,731,500

Describe all amendments :

Amendment 1, 4/14/15, an increase of \$229,600 was approved for additional consulting services required due to the increase in project scope. It also includes added programming, conceptual building and landscape plans for a future addition to the Blazer Hall side of Patterson Hall, and renderings. **Amendment 2, 11/10/15, an increase of \$1,900 was approved for additional consulting services required to redesign the foundation for the South Stair D tower at Patterson Hall as a result of a conflict with an existing electrical ductbank.**

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

Total Change Orders to Date: 35

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$10,279,510

Cumulative Change Order Amount: \$209,455

Revised Contract Amount: \$10,488,965

Contract Percent Complete: 22%

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

Change Order # 18, 11/5/15, was approved for an increase of \$35,711 to extend the communications ductbank to the manhole closer to Martin Luther King Boulevard. **Change Order # 32, 12/10/15**, was approved for an increase of \$28,182 to provide structural remediation to connect the existing wall and floors at several locations.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2394.00

Scope: \$9,028,239

Project Description:

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

Consultant: Stengel-Hill Architecture

Contract # A151110

Total Amendments to Date: 1

Describe all amendments :

Amendment 1, 6/17/15, an increase of \$287,500 was approved for additional design and construction administration services required to complete construction phases 3-8 of the project and an additional 1,500 square feet of the existing laboratory. **No amendments this quarter.**

Original Contract Amount: \$228,500

Cumulative Amendment Amount: \$287,500

Revised Contract Amount: \$516,000

Contractor: Wehr Constructors, Inc.

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

Contract # 7500061910

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount: \$542,649

Cumulative Change Order Amount:

Revised Contract Amount: \$542,649

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.10

Project Description:

Scope: \$68,962,146

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: 3

Cumulative Amendment Amount: \$307,400

Describe all amendments :

Revised Contract Amount: \$1,191,900

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. Amendment 2, 4/14/15, an increase of \$101,500 was approved to provide design and construction administration services necessary to route the glycol line to the Data Center. Amendment 3, 10/13/15, an increase of \$108,500 was approved for additional design services required to implement a green roof strategy, construct a mock-up of a NICU patient room, modify the AHU fan array motor control, implement electrical and technology coordination for the kitchen elevator, and to provide power and technology design for the pneumatic tube system.

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: \$36,553,257

Total Change Orders to Date: 49

Cumulative Change Order Amount: \$767,525

Low Bid:

Revised Contract Amount: \$37,320,782

High Bid:

Contract Percent Complete: 90%

Number of Bids:

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

Change Order # 1, 4/10/15, was approved for an increase of \$89,234 to provide required wall protection that was not shown on the bid documents.. Change Order # 3, 4/29/15, was approved for an increase of \$65,000 to accept the air-handling unit alternate #1, increasing the number of fans from 4 to 8. Change Order # 11, 4/29/15, was approved for an increase of \$28,881 to modify the existing ductwork at the northeast shafts on both floors to coordinate with corridor ceiling and cove lights. Change Order # 18, 6/19/15, was approved for an increase of \$35,916 to provide additional power and data for two additional pneumatic tube blowers. Change Order # 20, 6/23/15, was approved for an increase of \$29,604 to install plumbing cleanouts "test tees" to each vent riser on the 10th and 11th floors. Change Order # 27, 7/8/15, was approved for an increase of \$164,871 to provide additional power feeds, an additional VFD, along with additional circuit breakers, disconnects, wiring, controls, and programming to the four AHU's in order to power additional supply and return fans. Change Order # 33, 8/6/15, was approved for an increase of \$35,087 to add controls for constant volume exhaust air terminals serving restrooms, housekeeping room, etc. on the 9th and 10th floors. Change Order # 45, 11/11/15, was approved for an increase of \$118,462 to replace ceramic floor tile in six public restrooms.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F; I-G) - MRI, Hyperbaric &

Project Number: 2402.60

Scope: \$25,376,845

Project Description:

This project will include the fit up of 15,000 SF of shell space for use as a radiology suite - to include MRI, Ultrasound, CT Scan, and support functions - as well as 875 SF of shell space for use as a hyperbaric treatment suite.

Consultant: Stengel-Hill Architecture

Contract # A151150

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$287,608
Cumulative Amendment Amount:	
Revised Contract Amount:	\$287,608

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 # 7500049653

Total Change Orders to Date: 4

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:	\$6,157,320
Cumulative Change Order Amount:	\$91,185
Revised Contract Amount:	\$6,248,505
Contract Percent Complete:	29%

Change Order # 4, 11/24/15, was approved for an increase of \$55,335 to furnish and install a Honeywell International Fire Alarm system compatible with the existing building fire alarm system in lieu of the Allied system.

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

Project Number: 2402.30

Scope: \$79,314,812

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.

Consultant: GBBN Architects

Contract # A151180

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$3,648,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$3,648,000

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 # 7500040310

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:	\$2,412,456
Cumulative Change Order Amount:	
Revised Contract Amount:	\$2,412,456
Contract Percent Complete:	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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

Project Number: 2402.20

Scope: \$19,308,297

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.

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.

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 # 7500040299

Original Contract Amount: \$12,984,678

Total Change Orders to Date: 23

Cumulative Change Order Amount: \$271,995

Low Bid:

Revised Contract Amount: \$13,256,673

High Bid:

Contract Percent Complete: 17%

Number of Bids:

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

Change Order # 1, 7/17/15, was approved for an increase of \$47,732 to provide and install fourteen additional floor sinks in the kitchen as per the final coordinated kitchen equipment design. **Change Order # 5**, 9/9/15, was approved for an increase of \$40,076 to provide additional general condition items including thirty five dumpster hauls, furnish of a lull, a yard boss, and a scaffold for one month. **Change Order # 7**, 9/17/15, was approved for an increase of \$66,959 to provide additional water and gas piping to food service equipment as per the final coordinated kitchen equipment design. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Pavilion A Chiller

Project Number: 2402.40

Project Description:

Scope: \$4,685,000

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.

Consultant: Staggs & Fisher Consulting Engineers, Inc.

Contract # A151200

Original Contract Amount: \$240,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$240,000

No amendments this quarter.

Contractor: Blau Mechanical

Contract # 7500057406

Original Contract Amount: \$1,644,654

Total Change Orders to Date: 1

Cumulative Change Order Amount: \$10,264

Low Bid: \$3,644,000

Revised Contract Amount: \$1,654,918

High Bid: \$5,322,400

Contract Percent Complete: 33%

Number of Bids: 3

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-G) - (11th Floor)

Project Number: 2402.80

Project Description:

Scope: \$37,053,500

This project will fit-out patient floor eleven (11) in Pavilion A. This will include 64 patient rooms; 24 ICU plus 40 acute rooms with all staff support and ancillary spaces to provide a fully functioning patient floor. The 11th floor is programmed to be a cancer treatment floor.

Consultant: GBBN Architects, Inc.

Contract # A151240

Original Contract Amount: \$798,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$798,000

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 # 7500049655

Original Contract Amount: \$1,389,393

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$1,389,393

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) - (Pavilion A - Surgery Phase)

Project Number: 2402.70

Scope: \$16,581,600

Project Description:

This project will fit-out 10,200 SF of shell space on the 2nd floor of Pavilion A to expand the existing Surgery Department. This will include 5 ORs, a Hybrid OR, and support spaces.

Consultant: Artekna Design

Contract # A151260

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$361,875
Cumulative Amendment Amount:	
Revised Contract Amount:	\$361,875

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 # 7500049654

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:	\$615,655
Cumulative Change Order Amount:	
Revised Contract Amount:	\$615,655
Contract Percent Complete:	

Renovate/Upgrade UK HealthCare Facilities (Phase I-G) - Blood Bank

Project Number: 2402.50

Scope: \$8,717,800

Project Description:

This project will fit-up 2,300 SF of shell space on the 3rd floor of the Pavilion A for use as a blood bank.

Consultant: Stengel Hill Architecture

Contract # A161090

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$239,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$239,000

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 # 7500049652

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

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

Original Contract Amount:	\$3,288,096
Cumulative Change Order Amount:	
Revised Contract Amount:	\$3,288,096
Contract Percent Complete:	17%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Systems – UKHealthCare (Good Samaritan)

Project Number: 2410.00

Scope: \$1,500,000

Project Description:

This project will replace a portion of the electric switchgear located in the Good Samaritan Hospital. The electric switchgear, original to the hospital building, controls the distribution of electricity throughout the facility. A portion of the switchgear is susceptible to failure and replacement is critical to ensure reliable electrical service for patient care and to meet regulatory requirements. This project also includes re-circuiting several crucial services to minimize downtime during the switchgear replacement.

Consultant: Staggs & Fisher Consulting Engineers

Contract # A161060S

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$37,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$37,000

Contractor: Ready Electric

Contract # 4300113398

Total Change Orders to Date: 1

Low Bid: \$826,198

High Bid:

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:	\$1,079,558
Cumulative Change Order Amount:	\$18,986
Revised Contract Amount:	\$1,098,544
Contract Percent Complete:	99%

Repair/Upgrade/Improve Building Systems – UKHealthCare (Pavilion HA AHU #9)

Project Number: 2409.00

Scope: \$2,000,000

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.

Consultant: CMTA Engineers

Contract # A151210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$158,750
Cumulative Amendment Amount:	
Revised Contract Amount:	\$158,750

Contractor: H & R Mechanical Contractos, Inc.

Contract # 75000601543

Total Change Orders to Date: 1

Low Bid: \$1,111,000

High Bid: \$1,503,400

Number of Bids: 4

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

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

Original Contract Amount:	\$1,111,000
Cumulative Change Order Amount:	-\$19,270
Revised Contract Amount:	\$1,091,730
Contract Percent Complete:	5%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Building Systems – UKHealthCare (UKGS AHU #20 & #22)

Project Number: 2406.00

Scope: \$1,500,000

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.

Consultant: CMTA Engineers

Contract # A151210

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$119,750

Cumulative Amendment Amount:

Revised Contract Amount: \$119,750

Contractor: Finney Co.

Contract # 7500060153

Total Change Orders to Date:

Low Bid: \$1,247,000

High Bid: \$1,394,400

Number of Bids: 2

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

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

Original Contract Amount: \$1,247,000

Cumulative Change Order Amount:

Revised Contract Amount: \$1,247,000

Contract Percent Complete: 15%

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

Project Number: 2422.00

Scope: \$1,800,000

Project Description:

In December 2013, the Board of Trustees authorized the Repair/Upgrade/Improve Civil/Site Infrastructure (South Campus Parking Lot) capital project which created 411 spaces. This expansion to the recently constructed parking lot south of the E.S. Good Barn will create approximately 430 additional parking spaces. These additional spaces are needed to offset parking losses associated with the Commonwealth Stadium expansion and allow for parking along the University Drive transit corridor.

Consultant: Bell Engineering

Contract # A151220

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$126,304

Cumulative Amendment Amount:

Revised Contract Amount: \$126,304

Contractor: L-M Asphalt Partners, Ltd. dba ATS Construction

Contract # 7500051533

Total Change Orders to Date: 3

Low Bid: \$1,185,450

High Bid: \$1,792,000

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: \$1,185,450

Cumulative Change Order Amount: \$27,968

Revised Contract Amount: \$1,213,418

Contract Percent Complete: 100%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Electrical Infrastructure (Student Housing Project Phase

Project Number: 2432.00

Project Description:

Scope: \$900,000

This project will upgrade and improve the electrical infrastructure for all components of Student Housing Phase III, by providing 12KV electrical service from two substations to improve reliability and redundancy. The project will include installation of a pad-mounted switch between the two building sites and electrical duct banks to each building transformer. This switch will be powered from the University Utility Substation #3 as the primary source and Utility Substation #1 as the secondary source for backup and load sharing.

Consultant: Staggs & Fisher

Contract # A161080

Original Contract Amount:

\$68,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$68,000

No amendments this quarter.

Contractor: Dixon Electric, Inc.

Contract # 7500064971

Original Contract Amount:

\$646,980

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$646,980

Revised Contract Amount:

\$646,980

High Bid: \$1,177,700

Contract Percent Complete:

Number of Bids: 4

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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: 3

Cumulative Amendment Amount: \$996,704

Describe all amendments :

Revised Contract Amount: \$9,364,168

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. **Amendment 3**, 5/12/15, an increase of \$524,076 was approved to provide additional graphic design services, design and construction for the Stadium Pavilion, further concession stand development, additional design to support the video control and tv distribution associated with the new SEC network operations, expanded fire proofing, additional painting in existing areas of the stadium, modification of the east end zone perimeter wall, support of the Alumni Drive upgrade, modification of parking lots and game day amenities, additional design services associated with the deterioration of existing concrete masonry (CMU) walls, and an allowance reconciliation for "special inspections". **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: \$107,785,957

Total Change Orders to Date: 336

Cumulative Change Order Amount: \$6,082,944

Low Bid:

Revised Contract Amount: \$113,868,901

High Bid:

Contract Percent Complete: 99%

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 # 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 # 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 # 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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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 # 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 # 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 # 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 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. **Change Order # 121**, 3/1/15, was approved for an increase of \$31,760 to replace deteriorated existing domestic water lines that serve the four women's restrooms. **Change Order # 129**, 3/1/15, was approved for an increase of \$72,834 to re-route the sanitary lines as necessary due to construction associated with Alumni Drive and the Football Training Center. **Change Order # 132**, 3/12/15, was approved for an increase of \$37,154 to replace the existing sanitary mains in three locations due to degradation of the existing piping. **Change Order # 133**, 3/12/15, was approved for an increase of \$55,127 to run domestic waterline and conduit for data connections to the Pavilion site on the southwest corner of the stadium. **Change Order # 137**, 3/16/15, was approved for a decrease of \$27,563 to furnish a value engineering credit for the revision of the floor finishes of Loft Club, Loge Club, and Premium Suites due to a switch to carpet tile, allowing for ease of maintenance and replacement. **Change Order # 150**, 4/3/15, was approved for a decrease of \$127,915 to furnish a value engineering credit for the deletion of the suspended acoustical above ceiling panel system in the Coaches Club and the Loft Club. The Tectum sound absorbing units were not required to obtain acoustical standards for the spaces occupied. **Change Order # 151**, 4/3/15, was approved for a decrease of \$58,875 to furnish a value engineering credit for the deletion of the high performance painting finish of the field side of the glass support steel framework. **Change Order # 152**, 4/3/15, was approved for an increase of \$53,471 to demolish and haul off a concealed corrugated metal deck system attached to the bottom side of the structure above the existing press level. **Change Order # 181**, 5/18/15, was approved for an increase of \$94,734 to install the roof column flashing at the north and south sideline main

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

concourse and upper concourse roofs as required to accommodate various existing conditions. **Change Order # 183**, 5/18/15, was approved for an increase of \$213,007 to install all necessary electrical and communication connections to graphic elements in the stadium. The graphic package was not completed when bids were accepted. **Change Order # 184**, 5/18/15, was approved for an increase of \$51,440 to modify the sanitary piping layout in the southeast parking lot due to a conflict with an existing ductbank and the new ductbank elevations. **Change Order # 185**, 5/18/15, was approved for an increase of \$32,079 to modify and reconnect the existing precast panels removed in Design Release 1 to both the east and west end of the existing upper bowl adjacent to column lines 30 and 49. **Change Order # 214**, 6/20/15, was approved for an increase of \$93,805 to make structural repairs to 38 existing precast rakers on the south and north sidelines that had become or are in the process of becoming detached from the supporting haunches that connect the upper ends of same to the columns. **Change Order # 234**, 6/30/15, was approved for an increase of \$52,924 to modify eight vomitories on the south side of the stadium to allow adequate head room. **Change Order # 236**, 7/1/15, was approved for an increase of \$77,817 to add waterproofing to the portion of the south upper bowl over both the enclosed and open air portions of the Loge Club. **Change Order # 246**, 7/9/15, was approved for an increase of \$29,945 to replace existing asphalt and concourse drains for the North Concourse area adjacent to the ramps. **Change Order # 263**, 7/24/15, was approved for an increase of \$38,704 to furnish the labor and material of the steel edge angle to terminate insulated metal panels. **Change Order # 267**, 7/24/15, was approved for an increase of \$33,775 to provide additional communications and electrical outlets, installation of additional accent lighting, and installation of Lutron lighting control system in the Founder's Suite. **Change Order # 268**, 7/24/15, was approved for an increase of \$31,270 to replace the field goal net support system to both the east and west end zones. **Change Order # 270**, 7/28/15, was approved for an increase of \$34,523 to revise architectural, audio-visual, communications, power, and mechanical requirements at the Press Level in order to improve operations. **Change Order # 278**, 8/12/15, was approved for an increase of \$30,665 to install drain down pits and blow down valves to allow the kitchen to remain active during winterization. **Change Order # 336**, 12/29/15, was approved for an increase of \$1,650,000 as a negotiated settlement to offset some of the claimed and justifiable expenses incurred by the Construction Manager and subcontractors related to the completion and closeout of the Commonwealth Stadium Project.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade/Relocate Pediatric Critical Care Unit

Project Number: 2369.0

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:	3	Cumulative Amendment Amount:	\$270,067
Describe all Amendments:		Revised Contract Amount:	\$358,300

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. **Amendment 3**, 4/14/15, an increase of \$200,837 was approved to provide design and construction administration services for the east wing portion of the project, and the remainder of the west wing portion (Zones 1, 2 & 4). Project is being completed in zones as funding is available. **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 % complete:	100%
Number of Bids:	3		

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

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

Contractor: Solica Construction Co.

Contract #	7500053929	Original Contract Amount:	\$1,321,000
Total Change Orders to Date:	9	Cumulative Change Order Amount:	\$84,285
Low Bid:	\$1,321,000	Revised Contract Amount:	\$1,405,285
High Bid:	\$1,358,000	Contract % complete:	68%
Number of Bids:	2		

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

Change Order # 7, 11/6/15, was approved for an increase of \$25,152 to relocate existing nurse call located in four of the patient rooms and bathrooms.