

FCR 7

Office of the President
September 10, 2013

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the Board of Trustees accept the capital construction report for the three months ending June 30, 2013. This report refers only to projects that had activity within this quarter.

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

For the period April 1, 2013 thru June 30, 2013:

There were seven new contracts this quarter:

Project 2239.73	Construct Patient Care Facility – 8 th Floor Fit Out GBBN Architects, \$598,000 (<i>Design</i>)
Project 2355.0	Repair/Upgrade/Improve Mechanical Infrastructure - Steam Line Farm Road Industry Services Co. Inc., \$582,501 (<i>Construction</i>)
Project 2356.0	Repair/Upgrade/Expand Central Plants – Cooling Tower Lagco, Inc., \$774,483 (<i>Construction</i>)
Project 2362.0	Upgrade/Expand Commonwealth Stadium Ross Tarrant Architects, \$8,367,464 (<i>Design</i>) Skanska/Congleton-Hacker Joint Venture, \$5,898,580 (<i>Construction</i>)
Project 2364.0	Repair/Upgrade/Improve Building Shell Systems – 2013 Annual Parking Garage Maintenance & Restoration THP Limited, \$68,750 (<i>Design</i>) RAM Construction Services, \$669,018 (<i>Construction</i>)

One contract was completed this quarter:

Project 2335.0	Ambulatory Electronic Health Record Equipment System (EHR Phase 2B) Eubank & Steele, \$629,525
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Two amendments were as follows:

- Project 2345.0 Renovate/Expand Gatton Building
- Provide for bidding and construction administration services (+) \$1,752,276
- Project 2346.0 Renovate Dental Class Labs (Room 611)
- Provide for additional design services as required to create a BIM model of structural and architectural components (+) \$3,200

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

- Project 2342.0 Campus Security System
- Provide for change in ID cards from Duo Prox II to iClass Corporate 1000 (+) \$27,539
- Project 2349.0 Renovate/Expand Soccer Facilities
- Provide for addition of alternate # 2; press level suites (+) \$121,652
 - Provide for addition of alternate # 3; officials rooms (+) \$159,634
 - Provide for addition of alternate # 4; visitor's locker room (+) \$119,859
 - Provide for addition of alternate # 1; training room (+) \$146,412

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
August 2013

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. The project includes a geo-diverse video management (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:

Significant progress has been made this summer with the completion of the Proof of Concept facility (VDL at Coldstream) and installations at each of the sixteen main campus buildings for exterior locks and cameras. Additionally, exterior Talk-a-Phones and exterior cameras continue to be installed. The new UK ID continues to be issued to main campus students, faculty and staff. The Security contract is prepared to accept the newly finished residence halls, Central I and II, onto the operating campus security system this month.

Installation at the UK Medical Center will not begin until this fall with issuance of IDs to follow.

Construct Patient Care Facility – 8th Floor Fit Out

Project Description:

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

Project Status:

Phase 3 construction documents have been received from the consultant, GBBN Architects, for review. Seven proposals for CM services were received. The selected firm was Turner Construction.

Construct UK/Nicholasville Road Flood Mitigation

Project Description:

This project will construct three separate improvements, to provide 100 year storm (and lesser storm) mitigation to prevent roadway overtopping and improve pedestrian safety addressing storm water quantity within this one campus water shed. 1) Area between Alumni Drive and Shawneetown Drive (includes permanent removal 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) Portions of impervious pavements for the football stadium will be removed and replaced with pervious pavements. The \$8,015,463 project will be funded by a federal grant of \$6,011,597 from FEMA with the balance of \$2,003,866 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.

Project Status:

Project will go out to bid after football season has completed. Construction will begin after January 2014.

Renovate Academic Facility – University Lofts Facility

Project Description:

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

Project Status:

Phase III Construction Documents were completed by the university in June..

Renovate Dental Class Labs (611)

Project Description:

The project includes upgrading ventilation systems, modernizing and enhancing technology utilized in training dental students, and accommodating additional student dental workstations and workspaces in the Student Simulation Lab.

Project Status:

The project is on schedule and is substantially complete. The contractor is completing the punch list.

Renovate Robotics Building

Project Description:

The Center for Biomedical Engineering (CBME) was transferred administratively to the College of Engineering effective July 1, 2010. CBME is currently in the Wenner Gren Research Lab. A key component of this transfer is the relocation of the CBME from the Wenner-Gren buildings to the 5th floor of the Center for Robotics and Manufacturing Systems (CRMS). The relocation is needed to take advantage of the many collaborative research opportunities between the CBME faculty and the various other Engineering faculty in and near the CRMS building. The project will completely renovate eight (8) existing labs to accommodate the relocation, as well as renovate two former labs into shared equipment rooms and graduate student office space. The approximate square footage of the planned renovation will be 3,500.

The legislative authorized scope and current project estimate is \$3,842,000. The current total available funding is only \$2,375,000 therefore the University intends to prioritize the improvements and install all the utilities in this first phase thereby enabling future connections as additional funds become available.

Project Status:

Bids were received on 8/1/13. The bids were well within the project budget. Constuction will begin in mid-August.

Renovate Schmidt Vocal Arts Center

Project Description:

This project will complete the renovations to include rehearsal rooms, teaching studios, practice rooms, music library, office space for staff and graduate assistants, and enhancements to the building's main entrance.

Project Status:

The bid opening is scheduled for August 15, 2013, with an anticipated substantial completion of early March, 2014.

Renovate/Expand Gatton Building

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 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 St. will also be incorporated in the renovated space. The original 1963 building will provide various types of space for faculty and students; the classrooms in the 1991 addition will be renovated and updated to include the latest technology.

Project Status:

Design Development review meetings have been completed and the project is currently in budget and on schedule. Bi-weekly meetings are being held with the project implementation team to coordinate issues.

The project includes two separate bid packages. The first will be a site utility enabling package (i.e., relocation of site utilities, site stabilization, reworking mechanical spaces, etc.) to prepare for the renovation and construction work of the building. This work is scheduled to bid in Aug. 2013, with work to be completed in February 2014. The second bid package will renovate the existing building and construct the new addition.

Construction will occur in multiple phases: Bid package #1 includes the enabling package (Sep. 13 – Feb. 14); Bid package #2 will renovate and expand the existing building and will be completed in three phases: Phase 1 consists of construction of the new addition (Feb. 14 – July 15); Phase 2, which partially overlaps with phase 1, includes the

renovation of the original 1963 building (May 14 – July 15); and Phase 3 will renovate the 1991 addition (Aug. 15 – Apr. 16).

Renovate/Expand Soccer Facilities

Project Description:

This project will renovate and expand the University's soccer facilities to include locker, shower, and lounge space for the men's and women's soccer teams, training and umpire rooms, and new seating and a press box. This project will also include upgrades to plumbing, electrical, and HVAC systems.

Project Status:

The ground slabs are in place. The concrete block is complete. Steel erection is 95% complete. Elevated slabs are in process. Mechanical, electrical and plumbing (MEP) rough-in is under way.

Renovate/Upgrade Softball Complex

Project Description:

This project consists of 1) Spectator seating and amenities, including replacement of the existing portable seating sections for Softball with new treads and risers from end to end of the dugouts that will provide approximately 400-600 new fixed chair back seats, and a combination of 600-800 of bleachers for a total permanent seating capacity of around 1200, including new elevated terraces overlooking the field at the back of the new grandstands and new press facilities, 2) New indoor practice facilities, 3) Playing field improvements, including site lighting and entry plaza to the complex including a new ticket facility and 4) New Team Building with coaches offices, team locker, lounge and equipment facilities for Softball.

Project Status:

The Dedication ceremony was held on April 13, 2013. The project should be substantially complete by the end of August.

Repair/Upgrade/Improve Building Shell Systems (2013 Annual Parking Garage Maintenance & Restoration

Project Description:

This is the first part of a preventative maintenance and repair program for the campus parking structures for the next ten years and includes repairs of 8 of the parking garages that are considered more critical in nature. These maintenance and repair are intended to maintain and extend the useful life of the parking structures.

Project Status:

The project has been successfully bid within budget. The successful contractor was RAM Construction Services. Work began in June and is currently underway. All submittals have been delivered and reviewed.

Concrete repairs in garage numbers 1 and 3 are being staged to accommodate the parking demand for those garages. The work in garage numbers 2, 6 and 7 is being completed in the evening hours as not to disrupt daily operations. The replacement of expansion joints in garages numbers 1, 2, 6 and 7 is near completion. The repairs and modifications of the plumbing systems in garage number 1 is 30% complete. Other miscellaneous repairs are being undertaken in each garage as the contractor moves forward. This work includes repairs to stair rails, door hardware replacement, bollard repair and caulking. When this work is complete the contractor will move to garage numbers 5, 8 and the Good Samaritan garage.

The contractor is behind his original schedule and has increased his man power in the last several weeks. Substantial Completion for garage numbers 1, 2 and 3 is August 22, 2013 with Substantial Completion for garage numbers 5, 6, 7, 8 and Good Samaritan being October 11, 2013.

Repair/Upgrade/Expand Central Plants (Cooling Tower)

Project Description:

The Medical Center Cooling Plant provides chilled water to the campus loop as well as the Medical Center. The cooling tower is in excess of 10 years old. This tower does not meet today's cooling capacity requirements due to increased loads and other inefficiencies.

Project Status:

Construction is progressing on schedule. The demolition and new structural steel are complete. The cooling tower erection is underway.

Repair/Upgrade/Improve Mechanical Infrastructure (Steam Line Farm Road)

Project Description:

The Farm Road steam line delivers steam from the campus steam plants to the following buildings: Gluck Equine, Plant Science, ES Good Barn, KY Tobacco Center, and BCTCS. The steam is used for building heat, steam humidification, cleaning, and sterilizers. This project replaces the steam and condensate piping from the ES Good Barn to the Gluck Building. The 25 year old piping has deteriorated beyond repair. The upstream and downstream sections have been recently replaced.

Project Status:

Construction is progressing on schedule. Demolition is complete. Phase 1 piping is in place and being pressure tested. Substantial completion is scheduled for 8/30/13.

Upgrade/Expand Commonwealth Stadium

Project Description:

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

Project Status:

The Stadium project is moving forward on schedule with substantial completion set for August 14, 2015 prior to the beginning of the 2015 football season. The schematic design documents were delivered to the University July 10, 2013. Review meetings were held with various representatives of the campus community on July 23. Both written and verbal comments were evaluated. All comments will be addressed before moving to the design development phase. Further design meetings are scheduled on a bi-weekly basis during 2013. Design development documents are due to be delivered to the University September 17, 2013.

The team of Skanska/Congleton-Hacker has been selected to serve as the construction manager for the project. This team's first construction estimate which was based on schematic design documents was delivered July 25. During the last week of July this estimate was reconciled with an estimate generated by the design team. The reconciled estimate exceeded the funds available for the project. The project team is currently undertaking a value engineering exercise.

Current schedule calls for the initial package which will include site clearing/mass excavation, demolition, foundations, waterproofing and underground MEP systems will bid in early November with construction to begin in early December. Subsequent packages will follow with all packages being bid by June of 2014. Construction will proceed thru the 2014 football season with design and construction coordinated in a fashion to have minimal impact on game day events and operations.

Central Hall I & II (Previously referred to as Haggin Honors Housing)

Project Description:

This project is the Phase I development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on campus undergraduate and graduate student housing. The Haggin Honors Housing (Central I and II) is the first phase of this partnership and includes construction of two new buildings located in what was formerly a green field immediately to the east of the existing Haggin Hall. These buildings will provide a combined total of 601 new beds. The buildings are each four (4) stories high, plus a partial basement in the south building to house the Honor's program. The south building also includes three (3) classrooms in the basement space.

Project Status:

These two buildings have been accepted as substantially complete and will be occupied for the 2013 Fall Semester. UK-Honors and EdR's Management staff have now occupied the buildings. The formal dedication of the buildings is scheduled for 8/16/13.

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

Project Description:

This project is a part of the Phase IIA development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on campus undergraduate and graduate student housing. The Champions Court I (CCI) building consists of 8 floors with 740 beds, and includes shelled space for fit-out of retail and classroom space. The Champions Court II (CCII) building consists of 427 beds on 5 floors and does not include shelled space. These buildings are being constructed on the site encompassed by Martin Luther King Blvd. to the west, Lexington Ave. to the east, Avenue of Champions to the south and north to include the Samaritan parking lot which is located just north of the former Joe B. Hall Wildcat Lodge. The Joe B. Hall Wildcat Lodge was demolished to make room for the new construction.

Project Status:

These two buildings are currently under construction and scheduled to open in August 2014. Below is a summary of the work currently in progress:

Champions Court I (South Building) – Interior wall framing and MEP rough-in work is currently in progress.

Champions Court II (North Building) – Exterior wall framing and sheathing is currently in progress.

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

Project Description:

This project is a part of the Phase IIA development of the partnership between the University of Kentucky and Education Realty Trust (EdR) to replace on campus undergraduate and graduate student housing. These buildings make up the first section of the Woodland Glen housing area. These two new buildings (WGI & WGII) will be 5 stories each, with each providing 409 beds for a total of 819 beds. They will be located where the former Cooperstown D & E Buildings were located. A total of three (3) classrooms will be included in these buildings combined.

Project Status:

Structural foundation systems are nearing completion; wall panels and MEP rough-ins are in progress. The buildings are scheduled to open for occupancy in August 2014. The buildings are currently on schedule.

Construct Academic Science Building

Project Description:

This project will construct a 263,000 gross square foot 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.

Project Status:

The selection for the national and local design consultants and the construction manager has been completed. JRA Architects out of Lexington and Payette Architects of Boston have been awarded the contract for the design of the facility. Messer Construction of Lexington has been awarded the construction manager contract. The project kick-off meeting was held this past month with the University President, Provost, Executive Vice President for Finance and Administration, and representatives of the College of Arts and Science and Facilities Management. The building committee has traveled to a number of recently completed science facilities to view the latest programs and concepts. The programming and conceptual design phase has begun and will continue for three to four months. The building massing and site orientation will be accomplished during this initial phase. The overall design phase is scheduled to complete by spring 2014 and construction is estimated for two years to complete by August 2016. Demolition of Donovan Hall is scheduled for May 2014.

Repair/Upgrade/Improve Bldg. Systems – UKHC (Good Samaritan Hospital Air Handlers)

Project Description:

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

Project Status:

The University received proposal from seven engineering design firms. The project team short-listed three firms, with interviews scheduled for August 13. A contract with the selected firm should be approved by no later than August 27.

Repair/Upgrade/Improve Electrical Infrastructure (Central Campus)

Project Description:

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

Project Status:

Staggs & Fisher was chosen as the project engineer. The project is currently in schematic design.

Repair/Upgrade/Improve Mechanical Infrastructure (Replace Sanitary Sewer on Woodland Avenue)

Project Description:

The Phase IIA and Phase IIB Housing projects include replacing Cooperstown Apartments with undergraduate student residence halls. The number of students residing in this area will significantly increase, as the 314 graduate and family apartments will be replaced with 2,428 undergraduate beds. As a result, the sanitary main capacity must be increased to handle the effluent discharge from these facilities. This project will replace an aged 8" clay sewer line with a 12" ductile iron line.

Project Status:

The successful low bidder is Lagco Inc. The contractor is mobilizing and securing required permits from the city.

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:

Moody-Nolan, Inc. was the selected design firm. Given that schematic design was provided from earlier design concepts, Design Development documents are scheduled to be delivered on August 20, 2014.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Ambulatory Electronic Health Record Equipment System (EHR)

Project Number: 2335.0

Scope: \$4,861,760

Project Description:

This project will upgrade the existing electronic information infrastructure to include building modifications, to provide a common, secure electronic information infrastructure for sharing healthcare information. In addition the project will ensure interoperability among health record systems, which, if not implemented, could create up to a 3% reduction in Medicare reimbursements to the Hospital. The infrastructure portion of the project will take place in four phases impacting over 50 clinics. The phases will include an initial bid package supporting three pilot clinic activations and three subsequent bid packages resulting in all impacted clinics being upgraded to new operating standards. Extensive modifications to the cooling systems of the various communication closets are included in the project as well as upgrades to the various clinics' power and data systems.

Consultant: CMTA

Contract #	A121090	Original Contract Amount:	\$123,465
Total Amendments to Date:	1	Cumulative Amendment Amount:	\$253,890
Describe all Amendments:		Revised Contract Amount:	\$377,355

Amendment 1, 5/8/12, an increase of \$253,890 was approved to provide for complete design and construction administration required to activate an electronic health record system in an additional forty four clinics. No amendments this quarter.

Contractor: Jarboe Construction - Phase 1

Contract #	7500002862	Original Contract Amount:	\$164,800
Total Change Orders to Date:	6	Cumulative Change Order Amount:	\$6,638
Low Bid:	\$164,800	Revised Contract Amount:	\$171,438
High Bid:	\$203,300	Contract % complete:	100%
Number of Bids:	4		

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

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

Contractor: Jarboe Construction - Phase 2

Contract #	7500005737	Original Contract Amount:	\$711,000
Total Change Orders to Date:	7	Cumulative Change Order Amount:	\$38,060
Low Bid:	\$711,000	Revised Contract Amount:	\$749,060
High Bid:	\$798,500	Contract % complete:	100%
Number of Bids:	4		

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

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

Contractor: Eubank & Steele - Phase 2B

Contract #		Original Contract Amount:	\$604,000
Total Change Orders to Date:	3	Cumulative Change Order Amount:	\$25,525
Low Bid:	\$604,000	Revised Contract Amount:	\$629,525
High Bid:	\$774,000	Contract % complete:	100%
Number of Bids:	5		

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Campus Security System

Project Number: 2342.00

Scope: \$4,800,000

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. The project includes a geo-diverse video management (VMS) and security management system (SMS) that provides situational awareness to targeted areas on campus and event driven analytics to alert University Campus Police of possible threats to campus. This project will provide campus-wide camera monitoring, early warning systems speakers, and other communication devices to monitor and respond to campus incidents. The project will provide the infrastructure necessary for proposed installations and incorporate or replace legacy systems to a single security system.

Consultant: Biagi, Chance, Cummins, London & Titzer

Contract # A131060B

Original Contract Amount:

\$50,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$50,000

No amendments this quarter.

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

Contract # 7500014489

Original Contract Amount:

\$3,624,511

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$27,539

Low Bid:

Revised Contract Amount:

\$3,652,050

High Bid:

Contract Percent Complete:

62%

Number of Bids:

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

Change Order # 1, 5/2/13, was approved for an increase of \$27,539 to change ID cards form Duo Prox II to iClass Corporate 1000.

Construct Patient Care facility - 8th Floor Patient Rooms

Project Number: 2239.73

Scope: \$31,500,000

Project Description:

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

Consultant: GBBN Architects

Contract # A131160

Original Contract Amount:

\$538,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$538,000

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 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 between Alumni Drive and Shawneetown Drive (includes permanent removal 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) Portions of impervious pavements for the football stadium will be removed and replaced with pervious pavements. The \$8,015,463 project will be funded by a federal grant of \$6,011,597 from FEMA with the balance of \$2,003,866 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.

Consultant: Bell Engineering

Contract # A121130

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$637,000

Cumulative Amendment Amount:

Revised Contract Amount:

\$637,000

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:

Renovate Academic Facility - University Lofts Facility

Project Number: 2339.00

Scope: \$8,000,000

Project Description:

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

Consultant: Omni Architects

Contract # A130180

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:

\$584,437

Cumulative Amendment Amount:

Revised Contract Amount:

\$584,437

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 Dental Class Labs (Room 611)

Project Number: 2346.00

Scope: \$4,700,000

Project Description:

The project includes upgrading ventilation systems, modernizing and enhancing technology utilized in training dental students, and accommodating additional student dental workstations and workspaces in the Student Simulation Lab.

Consultant: Stengel Hill Architecture

Contract # A131120

Total Amendments to Date: 1

Original Contract Amount: \$259,900

Cumulative Amendment Amount: \$3,200

Revised Contract Amount: \$263,100

Describe all amendments :

Amendment 1, 5/14/13, an increase of \$3,200 was approved for additional design services as required to create a BIM model of structural and architectural components.

Contractor: Enola Contracting Services, Inc.

Contract # 7500014738

Total Change Orders to Date: 6

Low Bid: \$2,183,236

High Bid: \$2,816,000

Number of Bids: 9

Original Contract Amount: \$2,183,236

Cumulative Change Order Amount: -\$7,936

Revised Contract Amount: \$2,175,300

Contract Percent Complete: 59%

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate Robotics Building

Project Number: 2353.00

Scope: \$2,375,000

Project Description:

The Center for Biomedical Engineering (CBME) was transferred administratively to the College of Engineering effective July 1, 2010. CBME is currently in the Wenner Gren Research Lab. A key component of this transfer is the relocation of the CBME from the Wenner-Gren buildings to the 5th floor of the Center for Robotics and Manufacturing Systems (CRMS). The relocation is needed to take advantage of the many collaborative research opportunities between the CBME faculty and the various other Engineering faculty in and near the CRMS building. The project will completely renovate eight (8) existing labs to accommodate the relocation, as well as renovate two former labs into shared equipment rooms and graduate student office space. The approximate square footage of the planned renovation will be 3,500.

The legislative authorized scope is \$3,842,000. The current total available funding is only \$1,800,000 therefore the University intends to prioritize the improvements and install all the utilities in this first phase thereby enabling future connections as additional funds become available.

Consultant: Bender Associates Architects

Contract # A131130

Original Contract Amount: \$105,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$105,000

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

Renovate Schmidt Vocal Arts Center

Project Number: 2326.00

Scope: \$1,500,000

Project Description:

This project will complete the renovations to include rehearsal rooms, teaching studios, practice rooms, music library, office space for staff and graduate assistants, and enhancements to the building's main entrance.

Consultant: Sherman Carter Barnhart

Contract # A111120

Original Contract Amount: \$128,540

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$128,540

No amendments this quarter.

Contractor: No construction contract awarded to date.

Contract #

Original Contract Amount:

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

High Bid:

Contract Percent Complete:

Number of Bids:

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Gatton Building

Project Number: 2345.00

Scope: \$65,000,000

Project Description:

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

Consultant: Ross Tarrant Architects

Contract # A131090

Original Contract Amount: \$3,716,149

Total Amendments to Date: 1

Cumulative Amendment Amount: \$1,752,276

Describe all amendments :

Revised Contract Amount: \$5,468,425

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.

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

Contract # 7500012212

Original Contract Amount: \$57,000

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$57,000

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Expand Soccer Facilities

Project Number: 2349.00

Scope: \$7,700,000

Project Description:

This project will renovate and expand the University's soccer facilities to include locker, shower, and lounge space for the men's and women's soccer teams, training and umpire rooms, and new seating and a press box. This project will also include upgrades to plumbing, electrical, and HVAC systems.

Consultant: Lockett & Farley

Contract # A121100

Original Contract Amount: \$613,500

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$613,500

No amendments this quarter.

Contractor: Codell Construction Co.

Contract # 7500014867

Original Contract Amount: \$5,896,000

Total Change Orders to Date: 6

Cumulative Change Order Amount: \$545,367

Low Bid: \$5,896,000

Revised Contract Amount: \$6,441,367

High Bid: \$6,321,000

Contract Percent Complete: 30%

Number of Bids: 6

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

Change Order # 2, 5/2/13, was approved for an increase of \$121,652 to add alternate # 2, press level suites: rooms 301 & 312, post bid once scope was increased. Change Order # 3, 5/2/13, was approved for an increase of \$159,634 to add alternate # 3, officials room: rooms 121, 121A, 121B, 121A1 & 121B1, post bid once scope was increased. Change Order # 4, 5/2/13, was approved for an increase of \$119,859 to add alternate # 4, visitor's locker room: rooms 122, 122A, 122B & 122B1, post bid once scope was increased. Change Order # 5, 5/2/13, was approved for an increase of \$146,412 to add alternate # 1, training room: rooms 103, 103A, 103B & 103C, post bid once scope was increased. The base bid received was within the authorized budgeted amount. It was the Athletic Department's desire to also award the (4) additive alternatives plus related site work and contingency to complete the project.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate/Upgrade Softball Complex

Project Number: 2338.00

Scope: \$9,700,000

Project Description:

This project consists of 1) Spectator seating and amenities, including replacement of the existing portable seating sections for Softball with new treads and risers from end to end of the dugouts that will provide approximately 400-600 new fixed chair back seats, and a combination of 600-800 of bleachers for a total permanent seating capacity of around 1200, including new elevated terraces overlooking the field at the back of the new grandstands and new press facilities, 2) New indoor practice facilities, 3) Playing field improvements, including site lighting and entry plaza to the complex including a new ticket facility and 4) New Team Building with coaches offices, team locker, lounge and equipment facilities for Softball.

Consultant: Lockett & Farley

Contract # A121120

Total Amendments to Date: 1

Original Contract Amount: \$597,800

Cumulative Amendment Amount: \$30,000

Describe all amendments :

Revised Contract Amount: \$627,800

Amendment 1, 12/11/12, an increase of \$30,000 was approved for additional construction administration services. **No amendments this quarter.**

Contractor: Codell Construction Co.

Contract # 7500008312

Total Change Orders to Date: 54

Low Bid: \$5,549,310

High Bid: \$5,568,000

Number of Bids: 6

Original Contract Amount: \$8,049,310

Cumulative Change Order Amount: \$264,163

Revised Contract Amount: \$8,313,473

Contract Percent Complete: 96%

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

Change Order # 1, 12/11/12, was approved for an increase of \$28,587 to provide hub pipe in all underground installations to comply with the UK Standards. **Change Order # 7**, 12/17/12, was approved for an increase of \$35,387 to coordinate miscellaneous electrical components with the remainder of the design. **Change Order # 16**, 1/3/13, was approved for an increase of \$30,882 for revision of brick allowance. **Change Order # 19**, 1/4/13, was approved for an increase of \$28,750 to revise and adjust electrical components for coordination and compliance with code. **Change Order # 32**, 2/11/13, was approved for an increase of \$49,098 to install all concealed infrastructure necessary for the concession stand fit-up which was originally not included in the scope. **Change Order # 33**, 2/11/13, was approved for an increase of \$31,219 to accommodate the design of the future soccer stadium connecting bridges and elevator coordination. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair,/Upgrade/Improve Building Shell Systems - 2013 Annual Parking Garage

Project Number: 2364.00

Project Description:

Scope: \$1,000,000

This is the first part of a preventative maintenance and repair program for the campus parking structures for the next ten years and includes repairs of 8 of the parking garages that are considered more critical in nature. These maintenance and repair are intended to maintain and extend the useful life of the parking structures.

Consultant: THP Limited, Inc.

Contract # A131110

Original Contract Amount: \$68,750

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$68,750

No amendments this quarter.

Contractor: RAM Construction Services

Contract # 7500019575

Original Contract Amount: \$669,018

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$669,018

Revised Contract Amount:

\$669,018

High Bid: \$1,075,100

Contract Percent Complete:

2%

Number of Bids: 5

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

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

Repair/Upgrade/Expand Central Plants (Cooling Tower)

Project Number: 2356.00

Project Description:

Scope: \$870,000

The Medical Center Cooling Plant provides chilled water to the campus loop as well as the Medical Center. The cooling tower is in excess of 10 years old. This tower does not meet today's cooling capacity requirements due to increased loads and other inefficiencies.

Consultant: Staggs & Fisher Consulting Engineers

Contract # A131020S

Original Contract Amount: \$43,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$43,000

No amendments this quarter.

Contractor: Lagco, Inc.

Contract # 7500018392

Original Contract Amount: \$774,483

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$774,483

Revised Contract Amount:

\$774,483

High Bid: \$1,052,000

Contract Percent Complete:

50%

Number of Bids: 5

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Repair/Upgrade/Improve Mechanical Infrastructure (Steam Line Farm Road)

Project Number: 2355.00

Scope: \$835,000

Project Description:

The Farm Road steam line delivers steam from the campus steam plants to the following buildings: Gluck Equine, Plant Science, ES Good Barn, KY Tobacco Center, and BCTCS. The steam is used for building heat, steam humidification, cleaning, and sterilizers. This project replaces the steam and condensate piping from the ES Good Barn to the Gluck Building. The 25 year old piping has deteriorated beyond repair. The upstream and downstream sections have been recently replaced.

Consultant: Staggs & Fisher Consulting Engineers, Inc.

Contract # A131140

Original Contract Amount: \$55,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$55,000

No amendments this quarter.

Contractor: Industry Services Co., Inc.

Contract # 7500017884

Original Contract Amount: \$582,501

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid: \$582,501

Revised Contract Amount: \$582,501

High Bid: \$942,900

Contract Percent Complete: 5%

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

Scope: \$110,000,000

Project Description:

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

Consultant: Ross Tarrant Architects

Contract # A131170

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$8,367,464

Cumulative Amendment Amount:

Revised Contract Amount: \$8,367,464

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

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: \$5,895,580

Cumulative Change Order Amount:

Revised Contract Amount: \$5,895,580

Contract Percent Complete: