

FCR 10

Office of the President
September 11, 2007

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending June 30, 2007 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 April 1, 2007 thru June 30, 2007:

There were six new contracts this quarter:

Project 2239.32	Patient Care Facility - Hospital – Central Utilities Plant Expansion Messer Construction, Co., \$9,474,000
Project 2248.0	Replace Steam and Condensate Pipe Lagco, Inc., \$1,725,900
Project 2252.0	Upgrade Cancer Center Radiologic Facility BSA Lifestructures, Inc., \$ 535,000
Project 2255.0	Renovate 3 rd Floor Little Library Woodford Builders, \$1,208,000
Project 2262.0	Lease Purchase Hospital Dining Facilities and Equipment (Cafeteria Renovation) Denham Blythe, \$513,450
Project 2264.0	Construct Law School Building Robert A.M. Stern Architects, \$500,000

One contract was completed:

Project 2238.1	Construct Horticultural Research and Education Facility Nexus Corporation, \$295,129
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Four amendments were as follows:

- Project 2227.0 Fit-Up 4th Floor in BBSRB
- Extension of contract administration services (+) \$ 21,525
- Project 2228.0 Construct Student Health Facility
- Creation of reimbursable service allowance for construction document archiving (+) \$ 10,000
- Project 2235.0 Construct Biological Pharmaceutical Complex Building
- Design services for addition of an additional research floor and a new utility tunnel. (+) \$220,700
- Project 2251.0 Renovate – Expand Boone Faculty Center
- Addition of reimbursable services (+) \$2,611

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

- Project 2196.0 Memorial Coliseum Expansion
- Allowance liquidation (-) \$200,000
- Project 2228.0 Construct Student Health Facility
- Provide additional drilling to hit rock bearing that was deeper than specified (+) \$49,508
- Project 2236.0 Expand Emergency Services – Hospital
- Deletion of Phase 3, 4 and 5 due to scope revision (-) \$434,218.87
- Project 2239.0 Construct Patient Care Facility
- Transfer of a portion of infrastructure from Bid Pack 4A to Bid Pack 3B to accommodate the project schedule (+) \$91,344
- Relocation of the existing direct buried steam lines found to be in conflict with the new utility tunnel (+) \$65,296
- Project 2239.31 Patient Care Facility – Hospital – Cooling Plant # 1 Modifications
- Clean existing condenser water piping due to excess interior build-up (+) \$31,273

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, probably 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:** 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 (or 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
July 31, 2007

Construct Biological Pharmaceutical Complex Building

Project Description:

Phase I of the Biological Sciences/Pharmaceutical Complex, was authorized by the 2005 General Assembly and funded in 2006 at \$40,000,000. Phase II was funded at \$92,792,000 and together these phases will complete the 279,000 gross square foot facility that includes some "shell space" to allow for the growing research needs. This "shell space" will be fitted out for research laboratories at a later date as university funds and/or grant dollars become available. This new building will provide the college with a state-of-the-art facility that will also allow the college to expand enrollment to address the shortage of pharmacists in Kentucky. The College of Pharmacy will relocate to this new facility and vacate their existing space. In addition to the current Pharmacy Building, college faculty members are housed in 10 buildings on and off campus. Consolidation of the research and teaching expertise of the eighth ranked College of Pharmacy in the U.S. will further strengthen the instruction of students and research collaboration among faculty. The vacated Pharmacy Building will be reassigned to the Department of Biology to provide needed expansion space for classrooms, research, and faculty to meet the needs of the growing student enrollment in UK's largest department. The project is expected to be complete by October 2009.

Project Status:

The Construction Manager continued site activities of Bid Packages #1 and #1A including surveying, utility relocations, and excavation. Construction Bid Package #3 was awarded for Structural Steel. Bids for Bid Package #2, Concrete Foundations were received and in budget. The last phase of design, Contract Documents, will continue through October 2007. Additional Bid Packages BP#4 through BP#6 will be advertised during this same period.

Construct Law School Building

Project Description:

The new College of Law building will provide additional and reconfigured classrooms, teaching technology, and study spaces to support modern teaching techniques, collaborative learning, distance education, and a comprehensive and innovative law school curriculum. Also to these ends, the building will alleviate the College's critical current and future needs for a single integrated facility housing the College's faculty, library, legal clinic, student activities, outreach programs, and administration. The building consists of approximately 200,000 GSF located on Scott Street. Construction financing for the building will be sought from the General Assembly in the 2010 session.

Project Status:

Robert A.M. Stern Architects of New York City were selected to provide programming and conceptual design services. The design team, along with owner representatives, visited peer sites to learn lessons from other completed projects. An interim design charrette was conducted on July 19th. A subsequent conceptual design presentation is scheduled for August 2nd. The final presentation documents are scheduled to be submitted in late August 2007.

Construct Patient Care Facility

Project Description:

The Hospital's present patient bed tower is approximately 40 years old. Although the space served patients well, the infrastructure is aging, and the facility can not accommodate present anticipated technology. This project will provide the site location evaluation, building programming, planning, and design services for a new bed tower. The project design team is lead by GBBN with major sub consultants including AM Kinney, Ellerbe-Becket, Staggs and Fisher, Affiliated Engineers, THP Limited as well as a number of specialty consultants. This project will construct a new hospital addition to include patient beds, patient diagnostic and treatment areas, support areas, support facilities, medical equipment and infrastructure. this project also includes the replacement of the hospital parking garage and a connecting bridge to clear the site for the new hospital addition as well as land acquisition and utility relocation costs.

PCF – Parking Garage (GMP # 2):

Project Description:

This package will construct a seven level parking structure that will have an approximate 1,600-car capacity. The new garage will be located on the west side of Limestone Street, between Conn. Terrace and Transcript Avenue. This structure will replace the existing Medical Center parking garage that must be demolished in order to tie the new Patient Care Facility to the existing Medical Center. A future pedestrian bridge will connect the new structure to the Patient Care Facility and the design has allowed for the future addition of approximately 15,000 square feet of retail space fronting Limestone. The garage is currently scheduled to open to temporary occupancy in late Fall with full occupancy by March 2008.

Project Status:

The first thirty-seven (of 42) elevated slab pours have been made and major foundation and below grade concrete has been placed. Forming and pouring of remaining elevated slabs will progress as curing times allow the relocation of forms and mechanical rough in. During the curing times, the next level columns will be formed and poured in anticipation of deck forming. Construction of the masonry wall partitions is complete on the lower and ground levels and will continue to follow two floors below concrete placement. This process will repeat for several months with an anticipated one pour per week. Exterior masonry began in April, and site work and site concrete began in June. The first three levels will be occupied in November 2007 as the remainder of the structure is completed. In August, work will begin on the installation of the new traffic signals at the Transcript and Conn. Terrace intersections of Limestone. These will allow traffic to flow into and out of the structure when it is occupied in November.

BP 3.2 CUP Expansion:

Project Description:

The project includes an 18,000 square foot addition to the existing CUP on Press Avenue. The expansion will include provisions for two new 125,000 lb/hr boilers and additional chillers. The structure will include an enlarged cold well and basement in the cooling section. The boilers and supporting equipment will be installed under this project.

Project Status:

Messer Construction was awarded a lump sum contract for this work in early May. The construction of the addition to the CUP is well underway. Excavation of the cold well and installation of piping were completed during the month of July. The continued processing of submittals and foundation work will be the major activities during the month of August. The project is scheduled to complete on November 15, 2008.

PCF – Infrastructure (BP #3B):

Project Description:

This project is the utility enabling work for the Patient Care Facility. This package includes sanitary sewer, electrical duct banks, storm culverts and tunnels outside the footprint of the new structure.

Project Status:

Work continues on temporary and permanent duct banks for electrical and communication utilities. The first section of utility tunnel has been poured and approximately half of the tunnel has been excavated. Utilities are being relocated as they are encountered. In August, cable, phone, communications, and electrical services will be rerouted in order to intercept and remove portions of existing under ground pathways and tie in new duct banks.

PCF – Building (BP #'s 4, 5 & 6):

Project Description:

This project includes:

- (BP #4) The demolition of the existing Parking Structure #4. The work will involve the start of all deep foundations up to the grade of the excavation.
- (BP #5) The construction of the new 1,022,000 gross square feet building's structural frame, fireproofing, exterior wall enclosure for all new building spaces, windows, exterior doors and roofs. Also included will be all exterior site improvements, civil design for roadways, drainage systems, landscaping, hardscape surfaces and walks.
- (BP #6) The interior fit-out partitions, interior finishes, doors and frames, ceilings, mechanical systems, electrical systems, technology systems, medical equipment and fire protection for approximately 490,000

occupiable square feet; and 532,000 square feet of shell space. The work also will include drawings and specifications for signage, interior furnishings and lighting.

Project Status:

- Mass Excavation and Foundations (BP# 4A & 4):

The Mass Excavation and Foundations Package, which includes the demolition of the existing parking garage, were released for bidding in mid-July. A Pre Bid meeting was held on July 25, 2007. The bid opening is scheduled for August 28th with final contractor questions due August 21st.

- Core and Shell (BP # 5):

Fifty percent construction documents for the Core and Shell of the PCF were released on July 20, 2007 and the 50% CD estimate is scheduled during August. Users were given plans for intermediate review during the first two weeks of August, and written comments are due the third week August. The bidding of the work is currently scheduled for May 2008, and the award of the various packages will occur during May and June of 2008.

- Fit Up (BP # 6):

During July, the project team continued to evaluate the value engineering options for BP 6. The documents are now moving into the CD phase. The decision to break the final CDs into several packages for maximum bidding flexibility was made. Decisions as to what elements of the PCF will be included in Phase 1A will be considered in detail during August. Final decisions as to what elements will be bid as part of BP 6 in 1A remain under consideration by the project team with a final decision to be made nearer the bidding date. Fifty percent Construction Documents are to be published in October 2007.

Construct Student Health Facility

Project Description:

University Health Services will be an outpatient clinic to house University Health Services for students with support spaces and some administrative offices. This project will create additional space by constructing a new building of 72,714 gross square feet. The site will be in the courtyard framed by the Wethington Building, Warren Wright Medical Plaza and the Sanders Brown Center on Aging.

Project Status:

Construction continues to make steady progress. Structural steel erection is completed, with miscellaneous steel work in progress. Interior block masonry work is progressing at the stairwells. Concrete slabs have been poured at all floors. HVAC ductwork is proceeding in the basement and 1st floor. Metal stud layout work has begun on the 2nd and 3rd floors. Curtain wall framing has begun. The sidewalk at the south end of Sanders-Brown has been closed to facilitate utility work in that area. Access between Sanders-Brown and the Kentucky Clinic remains open to pedestrian traffic. Site utility work continues to progress. The project schedule has slipped approximately 21 days as a result of conflicts with the above ceiling infrastructure. Coordination efforts are being finalized to resolve the conflicts. The Construction Manager is exploring ways to regain the lost time.

Expand Emergency Services - Hospital

Project Description:

This renovation project consists of approximately 8,500 sq. ft. of ground floor space in the Critical Care Center. Materials Management and Purchasing offices will be relocated to expand patient care services in the Emergency Department. The renovation will provide additional Emergency Department acute care bays, nursing and support spaces, and the replacement of the 2 existing air handler units in the mechanical room.

Project Status:

The certificates of occupancy have been received for all patient care areas. Punch list items in the mechanical room are currently being completed. Training for the new air-handling units was completed on July 24th.

Expand & Upgrade Livestock Disease Diagnostic Lab

Project Description:

New space is needed for more than one veterinary pathologist to perform animal postmortem examinations in addition to renovation of current necropsy space. New space is also needed to add molecular biology/special procedures capabilities to the laboratory. New technology in the form of an alkaline hydrolysis digester is needed to replace an aging incinerator. The LDDC is an office and laboratory

building with net assignable space of 3,860 square feet for offices and 28,100 square feet of laboratories and support space. It is proposed to add 6,300 and 1,200 square feet (net) of new laboratory and office space, respectively. An existing necropsy laboratory and support space will be renovated (2,000 square feet net). An aging incinerator is the present means of carcass disposal. An alkaline hydrolysis digester will be installed for carcass disposal after renovating 2,000 square feet (net) of space to contain the digester.

Project Status:

No change in status from previous month. The initial phase of the project was approved and funded by General Assembly in the amount of \$8,500,000. The remainder funding (Phase II) of \$13,500,000 was vetoed. Restoration of funding is a top priority in the General Assembly of 2008.

4th Floor Fit-up BBSRB

Project Description:

This project will fit-up approximately 32,750 square feet in the currently "shelled space" on the fourth floor of the BBSRB Building. The fit-up will include wet bench laboratory space, support space, and dry computational labs. The University has received a federal grant award of \$3,685,000 from the National Center for Research Resources Extramural Research Facilities Improvement Program. The space will primarily be utilized by Pharmacology. The final construction cost estimate is \$7,618,000, and the project scope has been revised to \$9,663,925.

Project Status:

The contractor is nearing completion of contract work. Substantial completion would have been achieved at the end of June 2007 but has been extended as a result of additional changes to support specific research. This change order has been processed to customize the fit-up of generic space to accommodate specific requirements of occupants scheduled to move to this floor.

Fit-Up Gill Building Ground Floor - Hospital

Project Description:

Champlin-Haupt/ Kohrs Lonnemann Heil are the consultant's designing to a \$1,550,000 construction budget. This Project encompasses renovations to 5,000 square feet of existing Ground Floor Shell Space within the Gill Heart Institute to accommodate the creation of a new Cardiology Center, including Cardiology Diagnostics and Clinical Research Programs. The scope of work shall include, but not be limited to the following: Cardiology Diagnostic Suite that shall consist of: Waiting room, Interview, Reception, Nurse Station, Prep/Recovery, Patient Toilet/Dress, Soiled Workroom, MRI/CT Control, CT Exam, MRI Exam (1.5T), MRI Equipment (1.5T), Storage, and Cardiology Reading. The Clinical Research Suite shall consist of: Clinical Research Offices, MRI Control, MRI Exam (3.0T), MRI Equipment (3.0T), Clinical Research Workroom, and Staff Toilet

Project Status:

The University opened bids on June 22, 2007. All bids came in higher than the budgeted amount and consultant estimates. The University and Consultants met with the three lowest bidders to generate a list of value engineering ideas that would not jeopardize the program. The University agreed on the items that would be accepted in the post-bid addendum, which was transmitted on Monday, July 23rd. Revised base bids will be delivered in August.

Lease Purchase Hospital Dining Facilities and Equipment (Cafeteria Renovation):

Project Description:

This project consists of renovations to existing University Hospital dining facilities (cafeteria and cafe). The project is located on the first floor of the hospital. The renovation will meet the requirements of the private vendor who will manage the dining facilities. Facility is in need of updating for aesthetics, patron flow, utility upgrade and new equipment. The project will include new finishes and serving equipment

Project Status:

Framing, mechanical and electrical rough-ins were completed during the month of July. Painting and other finishes began in late July and will continue the first two weeks of August. The installation of food service equipment is scheduled for the weeks of August 6th and 13th. The project is on schedule and will be completed the first week of September 2007.

Memorial Coliseum Expansion

Project Description:

The basketball practice facility consists of the addition of men's and women's basketball offices, practice facility, weight training, medical support, locker/shower, facilities ticket office, administrative offices, and minor renovation of existing locker rooms. The estimated total cost of the facility is \$30 million, consisting of the \$2.5 million for design plus \$27.5 million for construction. This project involves the design of a 92,300 square foot Basketball Practice Facility to enhance the University's ability to attract top student athletes. The new facility will alleviate scheduling problems at Memorial Coliseum and will provide amenities in line with other NCAA basketball facilities in the country. The practice facility will be connected to Memorial Coliseum, which is located near the intersection of Lexington Avenue and the Avenue of Champions, and will renovate 7,700 square feet to support volleyball, gymnastics, offices and ticketing. Sherman-Carter-Barnhart, Inc. is the prime architect for the project. They are working in conjunction with HNTB as the design architect, Staggs and Fisher as the M/E/P engineers, and the Structural Design Group as the structural engineer. Fuller, Mossbarger, Scott and May perform geotechnical and survey work for the project.

Project Status:

The renovated space has been accepted as substantially complete and the users are moving into the spaces. The contractor is completing punchlist work and warranty work.

Renovate 3rd Floor Lucille Little Library

Project Description:

This project addresses life safety and ADA concerns in the Little Library in addition to providing permanent instructional and research space for Kentucky's only accredited Library and Information Science program which places graduates in industry, research, non-profit, and government organization. This project includes final renovations to provide new classrooms, student facilities, faculty offices, and a student technology center for the School of Library and Information Sciences. Approximately, 20,380 gross square feet is being renovated in all phases.

Project Status:

Walls are complete on the third floor and on the lower level. Mechanical systems are ongoing. Hangers for the sprinkler piping are being installed and sprinkler piping is being cut and threaded to begin installation as soon as sprinkler plan approval is issued.

Renovate Central Vivarium

Project Description:

The project will involve the purchase of a new Primate Cage Wash unit to be installed in a renovated cage wash area within the existing DLAR facility.

Project Status:

Design documents were approximately 50% complete at the end of July. The new autoclave has been selected, and purchasing is in the process of taking quotes. Bid documents for the construction work will be complete by early September

Renovate - Expand Boone Center

Project Description:

The Boone Faculty Center was built in 1986 and has only received minor maintenance repairs in the interim. This project will renovate the original 19,561 square feet of the Boone Faculty Center on the Lexington Campus and construct an addition of approximately 3,300 square feet. The center as constructed is able to host small to medium size meetings, functions, luncheons and dinners, but due to space constraints it is unable to accommodate the numerous larger scale conferences and symposia that university departments frequently host. These departments then contract with local hotels and the convention center. Since the center is to operate and be maintained on a self supporting basis the inability to reasonably host the 300 to 400 attendee events causes a loss of potential campus dollars to off campus sites, that if able to be captured could help defray the annual operating expenses of the center. The project is expected to be completed by February 2008.

Project Status:

Bids for kitchen equipment and kitchen hood systems were opened and awarded. Structural steel framing for the building addition at the courtyard is complete. Rough-in of electrical conduit for power and data

systems as well as underground plumbing is in progress. Drywall is being installed as other work allows. Excavation for the patio grill areas and associated piers and footings is in progress.

Replace Steam and Condensate Pipe

Project Description:

This project will replace central steam and condensate piping systems. The Central Utilities Systems of the University of Kentucky have proven to be very economical to maintain and operate. It reduces the construction cost of new building by eliminating redundancy in buildings and reduces the operations cost of new and existing buildings by providing reliable and low cost energy alternatives at central locations. The Central Steam and Condensate system on the University of Kentucky Campus is an extensive layout of underground piping, tunnels, and steam pits. A large portion of this system has deteriorated through corrosion, and much of it is beyond design life expectancy. Condensate returns and steam lines need to be improved. Most of the direct bury steam lines consist of Class A conduit systems, which have deteriorated and corroded to the point that increased loads on the central heating system have been experienced. Repairing these steam and condensate lines will improve the ability of the campus heating system to deliver steam to all campus buildings.

Project Status:

Excavation and removal of the existing piping continued through July. Steam pipe installation began in late July and will continue through completion. Steam pit #3 at the southeast of the Gatton College was completed as well as the demolition of the steam pit at the southwest of Gatton. Restoration of landscaping and completion of project is scheduled for November 2007.

Student Housing - Supporting Utility Plant Upgrades (Boiler/Chilled Water)

Project Description:

This project includes expanding the Virginia Ave. CUP to accommodate future expansion in steam and chilled water capacity. The project was established in support of the Student Housing Project.

Project Status:

The funds from this project are scheduled to be expended for the purchase the 125,000 lb/hr boiler with emissions controls for installation in the expanded CUP. The purchase order for the boiler has been issued and the production of the boiler is underway and delivery of the unit is scheduled for mid-November 2007.

Renovate Cancer Center Radiologic Facility

Project Description:

The University of Kentucky Hospital needs to significantly upgrade and improve the current clinical space in the Lower Level of University Hospital. This will include therapy rooms, clinic exam areas, infusion space, office, education, and support space for the clinical practice. Given that the clinic will need to continue operations during the project, it is anticipated that areas will be taken down, or phased, during the construction. Surge space to allow the phasing has been identified. The addition will be located along the west side of the Markey Cancer Center/Ben F. Roach Cancer Care Facility, while the renovation will occur in existing research space on the on the Lower Level of the same building. Development of Radiation Medicine clinical areas is essential to growth of cancer programs supportive of the strategic plans for UK HealthCare. Current facilities are split between the Lower Level of the hospital and the Roach Building. Several initial facility studies have been completed that identified expansion and renovation of the areas of the Lower Level of the Roach Building to respond to immediate needs and is consistent with the Ambulatory Master Plan

Project Status:

A mid-Phase 1/Phase 2 combined review meeting was held in July, and the Phase One/Phase Two combined documents were delivered in late July. The phase review will be held in early August. The project is progressing on schedule.

Upgrade Surgical Services

Project Description:

Stengel-Hill/CMTA are the consultant's designing to a \$3,369,450 construction budget. This project will renovate existing space to develop a Same Day Surgery Intake Unit; will relocate surgical offices adjacent to the operating rooms in the Critical Care Center to expand the Post Anesthesia Care Unit; will develop a Pre-op, PACU, and waiting space in the main hospital building dedicated to pediatric patients; and will

renovate the 1st floor surgical waiting area. The current layout and size of unit causes numerous inefficiencies in the department. The amount of PACU beds is too few based on industry standards. This renovation will allow for improved operational efficiencies of the operating rooms and will provide for an improved patient experience with the development of the same day surgery intake unit. This space is connected to the Hospital's central chilled water and steam systems.

Project Status:

Work in Phase III, PACU Annex, began on Thursday, June 21 and has 60-day duration for a scheduled completion date of Aug 19th. The studs, drywall, conduit, plumbing and HVAC rough-ins are 100%; ceiling grid installation, dry-wall finishing, light installation and pulling of the electrical and communications wiring began July 23, 2007, and flooring installation began on July 30th.

ARS - Agriculture Project

Project Description:

The Forage Animal Production Research Laboratory will serve the Forage Animal Production Research Unit for the USDA - ARS on the campus of the University of Kentucky. The mission of the FAPRU is to improve productivity, profitability, competitiveness and environmental sustainability of forage based enterprises within the transition zone of the Eastern and Midwestern United States. Multidisciplinary teams to work to identify, evaluate, and manipulate genetic and physiological factors, using for the enhancement of food animal and equine health and performance in forage based enterprises as well as to improve forage plant persistence, quality, and production. Three to four story building with approximately 65,000 gross square feet for research labs, equipment and support rooms, offices and conferences rooms. The program also includes approximately 12,000 gross square feet for greenhouses and head house.

Project Status:

No change this past month. Project implementation is contingent on Federal appropriations.

Construct Gatton Building Project

Project Description:

The proposed Gatton College Complex will include a state of the art Classroom component which will enable the Gatton College to provide the type of "world ready" business education demanded by today's students and business leaders. The Classrooms will include tiered and flat smart classrooms furnished with computer/video and projection systems as well as smaller break-out rooms that will permit high impact peer-to-peer learning. This complex also will house the business research and study library as well as the Undergraduate and Graduate Advising Centers. The complex will contain signature spaces including a large auditorium, trading floor, innovative laboratories to support action learning, creative problem-solving and leadership development. The building also will house the Von Allmen Center for Entrepreneurship and E-Commerce Laboratory. The Faculty/Administration component will consist of office space for faculty, staff, and graduate assistants. The Outreach component will host nationally competitive professional and life-long learning experiences, and house the College's economic development related service centers including the Center for Business and Economic Research, Kentucky Small Business Development Center and the Center for a Sustainable Aluminum Industry. The program is currently projected at approximately 214,000 GSF of new space. The proposed site is located off Martin Luther King Blvd. and Euclid Avenue, moving UK's Business and Economics efforts closer to downtown Lexington and the business community.

Project Status:

Kohn, Pederson and Fox of New York were selected to provide programming and conceptual design services to be completed in December 2007. If funding and appropriate authorizations are obtained, a solicitation will be issued in July 2008 for submittals for Prime architectural firms to take the project through the traditional design phases. It is anticipated that Kohn, Pederson and Fox will be added to the Prime Firm's overall design team. Construction is contingent on project funding from the 2008 General Assembly.

Expand Chemistry Physics Building

Project Description:

To accommodate expanding enrollment, an additional organic chemistry teaching lab must be provided for fall 2008. This additional lab will be created via a major renovation of six adjoining rooms in the Chemistry Physics Building totaling approximately 2,300 net square feet. The dividing walls will be

removed to create one large open room, and all finishes will be replaced. New bench casework will be installed with 20 instructional fume hoods spaced along the benches; five additional hoods will be located on a side wall. Each student workstation will be provided with water, cup sink, certain lab gases, electrical power, and some storage space. Wall cabinets, safety stations, and high quality lighting will be installed. The building's ventilation capacity will be upgraded by installing a new AHU to accommodate this hood-intensive room, as well as additional future lab work planned.

Project Status:

The University is finalizing fee negotiations with BHDP Architects.

Fit-up Education Space in Health Science Bldg

Project Description:

This project will fit-up approximately 4,000 net square feet of shelled education space in the basement of the Health Science Building. The building, constructed in 2002, is approximately 210,000 gross square feet, and is in good condition. The building consists of classrooms, class labs, student spaces, patient clinic, research labs, faculty offices, administrative offices, and support space. The fit-up space will include the latest in technology for an auditorium/classroom. The room will seat approximately 165 students. The space was originally designed and shelled for this use.

Project Status:

Lucas/Schwering Architects were selected to provide architectural design services for the fit-up of the classroom in the basement of the Health Science Building. We are currently in fee negotiations with the design firm. The project is scheduled to be completed in August 2008.

Renovate Hospital Nursing Units - Hospital (NICU)

Project Description:

The project is for renovation of the existing nursing units in the University Hospital to upgrade the facilities to provide better care with newer space and technology. The existing nursing units are outdated and need upgrading. The project provides for the renovation of the Third floor CCC Nursery area. The renovated space will provide for the relocation of the Newborn Nursery and for the installation of eight level II NICU beds and eight level III NICU beds. The Project will involve the relocation of walls, Med gas headwalls, utilities, etc. and systems to make these functions operational.

Project Status:

A meeting was held on July 20th to review the 50% construction documents. The construction documents will be complete near the middle of August 2007. This project was initially established as a Physical Plant Division project and was transferred to the Capital Project Management Division in early July 2007 due to the need for a larger scope.

Renovate King Library South

Project Description:

This project is for the renovation of the 2nd and 3rd floors of the M. I. King Library, 1962 addition, to accommodate the relocation of the Chemistry Library, Physics Library and a computer lab, all currently housed in the Chemistry-Physics Building, as well as the Math Library, currently housed in the lower level of the Patterson Office Tower. The majority of the renovation will occur on the 3rd floor of the M. I. King Library, with a smaller area on the 2nd floor and minor work on the 4th floor. An existing elevator, located inside the south entrance vestibule, is to be replaced with new components within the existing elevator shaft. All staff areas are to include hard wired computer outlets and wireless capability throughout.

Project Status:

The request for consultant services was posted to the CPMD website in late July. Consultant submittals should be received by mid-August, with the shortlist selection and consultant interviews/selection occurring by the end of August.

Renovate Vivarium in Central DLAR Facility

Project Description:

This project will renovate the cage washing area, install a robotic cage washing system, and upgrade spaces to animal procedure rooms in the vivarium in the Combs Building. The Combs Cancer Research building is approximately 75,800 gross square feet. The building was constructed in 1987 and is in good condition.

The facility consists of research labs, offices, lab support areas, animal care areas, and animal care support space.

Project Status:

Investigative work to determine the cause of the exhaust air deficiency affecting EF-6 has been completed. The consultant and DLAR will be meeting to determine the appropriate course of action. This issue is preventing the certification and use of a biological safety cabinet located in Room MA55 that was installed as part of this project. All other project issues are completed.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Biological Pharmaceutical Complex Building

Project Number: 2235.00

Scope: \$132,792,000

Project Description:

Phase I of the Biological Sciences/Pharmaceutical Complex, was authorized by the 2005 General Assembly and funded in 2006 at \$40,000,000. Phase II was funded at \$92,792,000 and together these phases will complete the 279,000 gross square foot facility that includes some "shell space" to allow for the growing research needs. This "shell space" will be fitted out for research laboratories at a later date as university funds and/or grant dollars become available. This new building will provide the college with a state-of-the-art facility that will also allow the college to expand enrollment to address the shortage of pharmacists in Kentucky. The College of Pharmacy will relocate to this new facility and vacate their existing space. In addition to the current Pharmacy Building, college faculty members are housed in 10 buildings on and off campus. Consolidation of the research and teaching expertise of the eighth ranked College of Pharmacy in the U.S. will further strengthen the instruction of students and research collaboration among faculty. The vacated Pharmacy Building will be reassigned to the Department of Biology to provide needed expansion space for classrooms, research, and faculty to meet the needs of the growing student enrollment in UK's largest department. The project is expected to be complete by October 2009.

Consultant: EOP Architects

Contract # A061150/A071060

Total Amendments to Date: 1

Original Contract Amount: \$10,585,020

Cumulative Amendment Amount: \$220,700

Revised Contract Amount: \$10,805,720

Describe all amendments :

Amendment #1, 5/8/07, an increase of \$220,700, was approved for additional design services to provide an additional research floor as well as a new utility tunnel. This amendment also provides for wind tunnel testing as well as a specialized lighting consultant.

Contractor: Messer Construction Co. (Construction Manager At-Risk) 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 % complete was calculated using the estimated \$107 Million Construction Budget.

Contract # 4500007696

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

Original Contract Amount: \$10,574,805

Cumulative Change Order Amount:

Revised Contract Amount: \$10,574,805

Contract Percent Complete: 1.28%

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Construct Horticultural Research and Education Facility

Project Number: 2238.10

Project Description:

Scope: \$860,000

Expanded plant science technology will be a major contribution to economic expansion in the Commonwealth. The Horticultural Research and Education Center at South Farm is the key component in the Statewide plan to develop research/extension infrastructure in support of new and existing horticultural industries. The programs through this facility will explore, develop, evaluate, demonstrate, and communicate horticultural crop opportunities through innovative research and educational programs that enhance diversification, profitability, and sustainability of Kentucky farms and landscapes. It will become UK's most visible commitment to enhancing the viability of nontraditional enterprises and family farms. The scope of this project is not yet clearly defined. It will follow and supplement the intent of Project #2154.0 - South Farm Improvements. These projects will serve to develop a horticulture research facility on the South Farm. Included in the scope are greenhouse and headhouse facilities, research laboratories, storage building for equipment and pesticides, environmental rooms, etc.

Consultant: UK College of Ag In-House Design

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Contractor: Nexus Corporation

Contract # 4500007159

Original Contract Amount:

\$294,318

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$811

Low Bid: \$294,318

Revised Contract Amount:

\$295,129

High Bid: \$389,889

Contract Percent Complete:

100%

Number of Bids: 3

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

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

Construct Law School Building - Design Only

Project Number: 2264.00

Project Description:

Scope: \$500,000

The new College of Law building will provide additional and reconfigured classrooms, teaching technology, and study spaces to support modern teaching techniques, collaborative learning, distance education, and a comprehensive and innovative law school curriculum. Also to these ends, the building will alleviate the College's critical current and future needs for a single integrated facility housing the College's faculty, library, legal clinic, student activities, outreach programs, and administration. The building consists of approximately 200,000 GSF located on Scott Street. Construction financing for the building will be sought from the General Assembly in the 2010 session.

Consultant: Robert A.M. Stern Architects

Contract # A071140

Original Contract Amount:

\$500,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$500,000

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 Patient Care Facility

Project Number: 2239.0

Scope: \$450,000,000

Project Description:

This project will construct a new hospital addition to include patient beds, patient diagnostic and treatment areas, support areas, support facilities, medical equipment and infrastructure. The project also includes the replacement of the hospital parking garage and a connecting bridge as well as land acquisition and utility costs.

Consultant: GBBN, Inc.

Contract #	A061080	Original Contract Amount:	\$30,400, 226
Total Amendments to Date:		Cumulative Amendment Amount:	\$5,148,931
Describe all Amendments:		Revised Contract Amount:	\$35,549,157

Amendment # 1, 9/12/06, was approved for \$299,044 for additional design services required to design two additional floors for the parking garage. This amendment also provides for additional survey services associated with the rerouting of the ductbank; the addition of 12 receptor sources to be studied as part of the existing wind study; and the need for additional storm water modeling to review the impact on the new Patient Care Facility during heavy rain storm events. **Amendment # 2**, 2/13/07, was approved for additional design services associated with increased scope including but not limited to increased renovation of areas in the existing hospital (all phases); development of early bid packages for infrastructure and site utility packages and temporary emergency department access; development of on additional bed wing (all phases); development of partial cafeteria (all phases); design of fitup for two additional floors (shell only - all phases); design of a redundant communications feed (all phases); additional design services associated with security systems; development of design of Phase 1B air handlers (thru DD's) and

additional design of costs associated with relocation and installation of above ground and underground fuel tanks (all phases). Also included is additional reimbursable services for added geotechnical rock investigation; additional site survey and added construction testing. **No amendments this quarter.**

Contractor: Turner Construction Co.

Note: This is a 'CM-At-Risk' contract. The amount will be increased as sub-contracts are bid and added. *Turner's contract was awarded by RFP process. Contract % was complete was calculated using the estimated \$300 Million Construction Budget

Contract #	4500007616	Original Contract Amount:	\$49,928,145
Total Change Orders to Date:	2	Cumulative Change Order Amount:	\$210,455
Low Bid:		Revised Contract Amount:	\$50,138,600
High Bid:		Contract % complete:	2.39%
Number of Bids:			

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

Change Order #1, 6/4/07, was approved for an increase of \$91,344 to facilitate the procurement strategy and meet the project timeline. A portion of select infrastructure was transferred from Bid Pack 4A to the earlier Bid Pack 3B. **Change Order #2**, 5/31/07, was approved for an increase of \$65,296 to relocate the existing direct buried steam lines and pressurized drain found to be in conflict with the new tunnel. Since the lines must be moved they will be relocated into the new tunnel to make the lines accessible for maintenance.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

PCF - Hospital - GMP # 2 - Parking Garage

Project Number: 2239.20

Scope: \$32,766,968

Project Description:

GMP#2. This is a portion of the larger Patient Care Facility Project (2239.0). This package will construct a seven level parking structure that will have an approximate 1,600 car capacity. The new garage will be located on the west side of Limestone Street, between Conn Terrace and Transcript Avenue. This structure will replace the existing Med Center parking garage that must be demolished in order to tie the new Patient Care Facility to the existing Medical Center. A future pedestrian bridge will connect the new structure to the Patient Care Facility and the design has allowed for the future addition of approximately 15,000 square feet of retail space fronting Limestone.

Consultant: GBBN, Inc.
See project 2239.0

Contract #	Original Contract Amount:
Total Amendments to Date:	Cumulative Amendment Amount:
Describe all amendments :	Revised Contract Amount:

Contractor: Gilbane Building Company (GMP #2)

Contract # 4500001350	Original Contract Amount:	\$32,766,968
Total Change Orders to Date: 3 (time ext. only)	Cumulative Change Order Amount:	
Low Bid:	Revised Contract Amount:	\$32,766,968
High Bid:	Contract Percent Complete:	51%

Number of Bids:

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

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

PCF - Hospital - Cooling Plant # 1 Modifications

Project Number: 2239.31

Scope: \$12,850,000

Project Description:

This is a portion of the larger Patient Care Facility Project (2239.0). This package will provide the University the ability to meet the utility requirements of the new Patient Care Facility. The Central Utility Plant on Press Avenue will be expanded with a new boiler; Chillier Plant No. 1 on University Drive will be renovated with new chillers; new emergency generators will be added to Chillier Plant No. 3 to serve the Patient Care Facility; critical steam and chilled water lines will be replaced and upsized in order to provide the capacity that will be required to service Phase 1A of the Patient Bed Tower.

Consultant: GBBN, Inc.
See project 2239.0

Contract #	Original Contract Amount:
Total Amendments to Date:	Cumulative Amendment Amount:
Describe all amendments :	Revised Contract Amount:

Contractor: Messer Construction Co.

Contract # 4500005952	Original Contract Amount:	\$4,252,000
Total Change Orders to Date: 13	Cumulative Change Order Amount:	\$156,658
Low Bid: \$4,252,000	Revised Contract Amount:	\$4,408,658
High Bid: \$4,464,000	Contract Percent Complete:	99%

Number of Bids: 3

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

Change Order # 1, 1/8/07, was approved for an increase of \$25,295 to provide for the delivery of 4 chillers from storage to the jobsite. Change Order # 7, 5/8/07, was approved for an increase of \$31,273 to clean existing condenser water piping due to excess interior buildup. This will prevent clogged strainers and equipment upon start up.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

PCF- Hospital - CUP Expansion

Project Number: 2239.32

Scope: \$13,150,000

Project Description:

This is a portion of the larger Patient Care Facility Project (2239.0). The project includes an 18,000 square foot addition to the existing Central Utilities Plant on Press Avenue. The expansion will include provisions for two new 125,000 lb/hr boilers and additional chillers. The structure will include an enlarged cold well and basement in the cooling section. The boilers and supporting equipment will be installed under this project. Chiller purchases are not contemplated at this time.

Consultant: GBBN Inc.

See project 2239.0

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Contractor: Messer Construction Co.

Contract # 4500008954

Original Contract Amount:

\$9,474,000

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$7,460

Low Bid: \$9,474,000

Revised Contract Amount:

\$9,481,460

High Bid: \$10,400,000

Contract Percent Complete:

6%

Number of Bids: 2

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

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

Construct Student Health Facility

Project Number: 2228.00

Scope: \$24,000,000

Project Description:

University Health Services will be an outpatient clinic with support spaces and some administrative offices. This project will create additional space by constructing a new building of 72,714 gross square feet. The site will be in the courtyard framed by the Wethington Building, Warren Wright Medical Plaza and the Sanders Brown Center on Aging.

Consultant: Omni Architects

Contract # A061070

Original Contract Amount:

\$1,332,600

Total Amendments to Date: 1

Cumulative Amendment Amount:

\$77,203

Describe all amendments :

Revised Contract Amount:

\$1,409,803

Amendment #1, 5/11/2006, an increase of \$77,203.00, was approved for additional programming and design services required for revisions to the BSA study, for adding a high pressure steam line through the Student Health Facility connecting inside the existing AAH Tunnel and to provide more thorough survey and geotechnical reports than originally anticipated. Amendment #2, 5/8/2007, an increase of \$10,000, was approved to provide an allowance for reimbursable services related to scanning and uploading submittal documents for construction document archival.

Contractor: Turner Construction Company (Construction Manager-At-Risk)

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 # 4500004856

Original Contract Amount:

\$19,454,490

Total Change Orders to Date: 9

Cumulative Change Order Amount:

\$97,613

Low Bid:

Revised Contract Amount:

\$19,552,103

High Bid:

Contract Percent Complete:

35%

Number of Bids:

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

Change Order # 3, 4/24/07, was approved for an increase of \$49,508 to provide additional drilling as required to hit bearing rock that was deeper than specified.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Expand Emergency Services - Hospital

Project Number: 2236.00

Scope: \$4,316,000

Project Description:

This renovation project consists of renovating approximately 18,400 square feet of ground floor space in the Critical Care Center. Materials Management and Purchasing Offices will be relocated to expand patient care services in the Emergency Department. The renovation will provide a new and separate Pediatrics Emergency area to include an exterior entrance, waiting room triage and support spaces; additional Emergency Department acute care bays, nursing space and support space; provide a new digital radiology room for exclusive use by the Emergency Department.

Consultant: GBBN, Inc.

Contract # A061090

Original Contract Amount: \$265,000

Total Amendments to Date: 2

Cumulative Amendment Amount: \$105,452

Describe all amendments :

Revised Contract Amount: \$370,452

Amendment #1, 11/08/05, was approved for \$87,500.00 for additional design services to design replacement air handlers, exhaust fans and return fans on the ground floor. It has been determined that the condition and capacity of the existing fans are inadequate to serve the renovated space. **Amendment #2**, 7/13/06, was approved for \$17,952.00 for additional design services for redesigning the Greeter/Security desk; revised electrical drawings due to additional patient monitoring equipment; revised finishes schedule due to requested changes by the Pediatric Department and commissioning of new Air Handling Units. **No amendments this quarter.**

Contractor: Eubank & Steele Construction

Contract # 4500003852

Original Contract Amount: \$3,594,750

Total Change Orders to Date: 48

Cumulative Change Order Amount: -\$279,512

Low Bid: \$3,594,750

Revised Contract Amount: \$3,315,238

High Bid: \$3,821,000

Contract Percent Complete: 99%

Number of Bids: 3

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

Change Order #50, 6/19/07, was approved for a decrease of \$434,218.87 to delete Phases 3, 4 and 5 from project documents. The scope of work was revised due to the construction schedule of the new Patient Care Facility running parallel.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Expand & Upgrade Livestock Disease Diagnostic Lab

Project Number: 2234.00

Scope: \$8,500,000

Project Description:

New space is needed for more than one veterinary pathologist to perform animal postmortem examinations in addition to renovation of current necropsy space. New space is also needed to add molecular biology/special procedures capabilities to the laboratory. New technology in the form of an alkaline hydrolysis digester is needed to replace an aging incinerator. The Livestock Disease Diagnostic Lab is an office and laboratory building with net assignable space of 3,860 square feet for offices and 28,100 square feet of laboratories and support space. It is proposed to add 6,300 and 1,200 square feet (net) of new laboratory and office space, respectively. An existing necropsy laboratory and support space will be renovated (2,000 square feet net).

Consultant: CMW, Inc.

Contract # A061100

Original Contract Amount: \$648,000

Total Amendments to Date: 1

Cumulative Amendment Amount: \$90,000

Describe all amendments :

Revised Contract Amount: \$738,000

Amendment # 1, 12/12/06, was approved for \$90,000 to provide additional design services to accommodate a phased implementation consistent with the legislative budget action. Includes the additional design to study the new tissue digester effluent impact of the LFUCG Town Branch Wastewater Treatment Plant. **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

Fit-Up 4th Floor in BBSRB

Project Number: 2227.00

Project Description:

Scope: \$9,663,925

This project will fit-up approximately 32,750 square feet in the currently "shelled space" on the fourth floor of the BBSRB Building. The fit-up will include wet bench laboratory space, support space, and dry computational labs. The University has received a federal grant award of \$3,685,000 from the National Center for Research Resources Extramural Research Facilities Improvement Program. The space will primarily be utilized by Pharmacology.

Consultant: A.M. Kinney

Contract # A051120

Original Contract Amount: \$415,000

Total Amendments to Date: 3

Cumulative Amendment Amount: \$113,525

Describe all amendments :

Revised Contract Amount: \$528,525

Amendment #1, 04/11/2006, an increase of \$24,000, was approved for additional design services required for development of the Organic Synthesis Laboratory space in the southwest corner of the Fourth Floor Wet Lab area of the BBSRB. **Amendment # 2**, 2/13/07, an increase of \$68,000 was approved to extend construction phase services as well as provide vibration testing services and design services to renovate the 4th floor to accommodate SCoBIRC labs.

Amendment # 3, 6/12/07, an increase of \$21,525 was approved to extend construction administration services due to increased duration of construction.

Contractor: WS Construction

Contract # 4500001420

Original Contract Amount: \$5,342,000

Total Change Orders to Date: 19

Cumulative Change Order Amount: \$312,482

Low Bid: \$5,342,000

Revised Contract Amount: \$5,654,482

High Bid: \$5,657,000

Contract Percent Complete: 97%

Number of Bids: 4

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

Change Order # 11, 10/16/06, was approved for \$27,365.10 for the provision of power for lights and receptacles in the penthouse. The power provisions were not defined in the panel schedules, but should be installed as part of the project scope. **Change Order # 12**, 11/29/06, was approved for \$206,837.85 for an addition of an organic synthesis laboratory to provide an isolated lab space and control chemical fumes. **No change orders greater than \$25,000 this quarter.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Fit-Up Gill Building Ground Floor - Hospital

Project Number: 2253.00

Scope: \$6,500,000

Project Description:

Champlin-Haupt/ Kohrs Lonnemann Heil are the consultant's designing to a \$1,550,000 construction budget. This Project encompasses renovations to 5,000 square feet of existing Ground Floor Shell Space within the Gill Heart Institute to accommodate the creation of a new Cardiology Center, including Cardiology Diagnostics and Clinical Research Programs. The scope of work shall include, but not be limited to the following: Cardiology Diagnostic Suite that shall consist of: Waiting room, Interview, Reception, Nurse Station, Prep/Recovery, Patient Toilet/Dress, Soiled Workroom, MRI/CT Control, CT Exam, MRI Exam (1.5T), MRI Equipment (1.5T), Storage, and Cardiology Reading. The Clinical Research Suite shall consist of: Clinical Research Offices, MRI Control, MRI Exam (3.0T), MRI Equipment (3.0T), Clinical Research Workroom, and Staff Toilet.

Consultant: Champlin/Haupt

Contract # A071100

Original Contract Amount: \$155,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$155,000

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:

Lease Purchase Hospital Dining Facilities and Equipment (Cafeteria Renovation)

Project Number: 2262.00

Scope: \$1,100,000

Project Description:

This project consists of renovations to existing University Hospital dining facilities (cafeteria and cafe). The project is located on the first floor of the hospital and will meet the requirements of the private vendor who will manage the dining facilities. Facility is in need of updating for aesthetics, patron flow, utility upgrade and new equipment. The project will include new finishes and serving equipment.

Consultant: L2M

Contract # A071000FF

Original Contract Amount: \$47,500

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$47,500

No amendments this quarter.**Contractor:** Denham Blythe Company

Contract # 4500009493

Original Contract Amount: \$513,450

Total Change Orders to Date: 3

Cumulative Change Order Amount: \$6,251

Low Bid: \$513,450

Revised Contract Amount: \$519,701

High Bid: \$520,250

Contract Percent Complete: 23%

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

Memorial Coliseum Expansion

Project Number: 2196.00

Scope: \$30,000,000

Project Description:

This project consists of the addition of men's and women's basketball offices, practice facility, weight training, medical support, locker/shower, facilities ticket office, administrative offices, and minor renovation of existing locker rooms. The estimated total cost of the facility is \$30 million, consisting of the \$2.5 million for design plus \$27.5 million for construction. This project involves the design of a 92,300 square foot Basketball Practice Facility to enhance the University's ability to attract top student athletes. The new facility will alleviate scheduling problems at Memorial Coliseum and will provide amenities in line with other NCAA basketball facilities in the country. The practice facility will be connected to Memorial Coliseum, which is located near the intersection of Lexington Avenue and the Avenue of Champions, and will renovate 7,700 square feet to support volleyball, gymnastics, offices and ticketing.

Consultant: Sherman-Carter-Barnhart/HNTB

Contract # A041080

Original Contract Amount: \$2,000,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$2,000,000

No amendments this quarter.

Contractor: Messer Construction (Construction Manager-At-Risk)

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 # 4500000169

Original Contract Amount: \$25,250,566

Total Change Orders to Date: 202

Cumulative Change Order Amount: \$494,292

Low Bid:

Revised Contract Amount: \$25,744,858

High Bid:

Contract Percent Complete: 98%

Number of Bids:

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

Change Order #27, 03/16/06, was approved for \$65,940.07, to adjust contract amount for actual length of drilled piers over the base length included in the base bid. **Change Order #33**, 03/31/06, was approved for -\$25,240.75 to adjust contract amount after receiving donation from Harrod Concrete & Stone. **Change Order #31**, 04/04/2006, was approved for -\$52,052.66, to delete the cost of finish hardware for Aluminum Doors from the Doors, Frames and Hardware bid as it was already included in another trade contractor's scope of work. **Change Order #32**, 04/04/2006, was approved for \$293,576.97, to provide a flexible security control system to facilitate frequent changes due to turnover of student athletes. Revision primarily consists of replacement of conventional mechanical hardware with stand alone electronic access control hardware. **Change order #75**, 08/23/2006, was approved for \$26,773.54 to install additional light fixtures in the men and women's basketball locker rooms to provide even illumination in these locations. **Change order #88**, 09/22/2006, was approved for \$26,384.92, to provide engraved pavers at front entrance. Donor brick pavers will acknowledge donations to the UK MCE Building Fund. **Change Order # 101**, 11/16/06, was approved for a decrease of \$39,115.30 to provide for the deletion of ductwork cleaning. The project work site was kept in such a condition that duct cleaning is unnecessary. **Change Order # 201**, 05/7/07, was approved for a decrease of \$200,000 for liquidation of all excess allowance funds.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate 3rd Floor Little Library

Project Number: 2255.00

Scope: \$1,900,000

Project Description:

This project addresses life safety and ADA concerns in the Little Library in addition to providing permanent instructional and research space for Kentucky's only accredited Library and Information Science program which places graduates in industry, research, nonprofit, and government organizations. This project includes final renovations to provide new classrooms, student facilities, faculty offices, and a student technology center for the School of Library and Information Sciences. Approximately, 20,380 gross square feet is being renovated in all phases.

Consultant: Pearson & Peters Architects PLC

Contract # A071120

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$112,875

Cumulative Amendment Amount:

Revised Contract Amount: \$112,875

Contractor: Woodford Builders

Contract # 4500009455

Total Change Orders to Date:

Low Bid: \$1,208,000

High Bid: \$1,241,225

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: \$1,208,000

Cumulative Change Order Amount:

Revised Contract Amount: \$1,208,000

Contract Percent Complete: 5%

Renovate Central Vivarium

Project Number: 2261.00

Scope: \$650,000

Project Description:

The project will involve the purchase of a new Primate Cage Wash unit to be installed in a renovated cage wash area within the existing DLAR facility.

Consultant: BHDP

Contract # A071000C

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$43,500

Cumulative Amendment Amount:

Revised Contract Amount: \$43,500

Contractor: No construction contract awarded to date.

Contract #

Total Change Orders to Date:

Low Bid:

High Bid:

Number of Bids:

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

Original Contract Amount:

Cumulative Change Order Amount:

Revised Contract Amount:

Contract Percent Complete:

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate - Expand Boone Center

Project Number: 2251.00

Scope: \$6,000,000

Project Description:

The Boone Faculty Center was built in 1986 and has only received minor maintenance repairs in the interim. This project will renovate the original 19,561 square feet of the Boone Faculty Center on the Lexington Campus and construct an addition of approximately 3,300 square feet. The center as constructed is able to host small to medium size meetings, functions, luncheons and dinners, but due to space constraints it is unable to accommodate the numerous larger scale conferences and symposia that university departments frequently host. These departments then contract with local hotels and the convention center. Since the center is to operate and be maintained on a self supporting basis the inability to reasonably host the 300 to 400 attendee events causes a loss of potential campus dollars to off campus sites, that if able to be captured could help defray the annual operating expenses of the center. The project is expected to be completed by February 2008.

Consultant: EOP Architects

Contract # A071070

Total Amendments to Date: 1

Describe all amendments :

Amendment #1, 6/12/07, an increase of \$2,611 was approved to provide for reimbursable expenses for state filing fees and document duplication beyond the contracted agreement.

Original Contract Amount: \$275,000

Cumulative Amendment Amount: \$2,611

Revised Contract Amount: \$277,611

Contractor: Jarboe Construction

Contract # 4500007653

Total Change Orders to Date: 8

Low Bid: \$4,515,000

High Bid: \$4,724,000

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: \$4,515,000

Cumulative Change Order Amount: \$19,279

Revised Contract Amount: \$4,534,279

Contract Percent Complete: 3%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Replace Steam and Condensate Piping - Multiple Projects**(04-2006)**

Project Number: 2248.00

Scope: \$3,223,900

Project Description:

This project will replace central steam and condensate piping systems. The Central Utilities Systems of the University of Kentucky have proven to be very economical to maintain and operate. It reduces the construction cost of new building by eliminating redundancy in buildings and reduces the operations cost of new and existing buildings by providing reliable and low cost energy alternatives at central locations. The Central Steam and Condensate system on the University of Kentucky Campus is an extensive layout of underground piping, tunnels, and steam pits. A large portion of this system has deteriorated through corrosion, and much of it is beyond design life expectancy. Condensate returns and steam lines need to be improved. Most of the direct bury steam lines consist of Class A conduit systems, which have deteriorated and corroded to the point that increased loads on the central heating system have been experienced. Repairing these steam and condensate lines will improve the ability of the campus heating system to deliver steam to all campus buildings.

Consultant: Staggs & Fisher

Contract # A071080

Total Amendments to Date:

Describe all amendments :**No amendments this quarter.**

Original Contract Amount: \$276,000

Cumulative Amendment Amount:

Revised Contract Amount: \$276,000

Contractor: Lagco, Inc.

Contract # 4500009203

Total Change Orders to Date:

Low Bid: \$1,725,900

High Bid: \$2,632,930

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: \$1,725,900

Cumulative Change Order Amount:

Revised Contract Amount: \$1,725,900

Contract Percent Complete: 12%

Student Housing - Supporting Utility Plant Upgrades

Project Number: 2153.30

Scope: \$1,275,000

Project Description:

This project includes expanding the Virginia Avenue Central Utility Plant to accommodate future expansion in steam and chilled water capacity. The project was established in support of the Student Housing Project.

Consultant: AM Kinney

Contract # A041000GG

Total Amendments to Date:

Describe all amendments :**No amendments this quarter.**

Original Contract Amount: \$26,315

Cumulative Amendment Amount:

Revised Contract Amount: \$26,315

Contractor: English Boiler & Tube Inc.

*English Boiler's contract was awarded by RFP process.

Contract # X500192

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 \$25,000.00 this quarter.**

Original Contract Amount: \$245,155

Cumulative Change Order Amount:

Revised Contract Amount: \$245,155

Contract Percent Complete: 98%

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Upgrade Cancer Center Radiologic Facility - Hospital

Project Number: 2252.00

Project Description:

Scope: \$6,000,000

The University of Kentucky Hospital needs to significantly upgrade and improve the current clinical space in the Lower Level of University Hospital. This will include therapy rooms, clinic exam areas, infusion space, office, education, and support space for the clinical practice. Given that the clinic will need to continue operations during the project, it is anticipated that areas will be taken down, or phased, during the construction. Surge space to allow the phasing has been identified. The addition will be located along the west side of the Markey Cancer Center/Ben F. Roach Cancer Care Facility, while the renovation will occur in existing research space on the on the Lower Level of the same building. Development of Radiation Medicine clinical areas is essential to growth of cancer programs supportive of the strategic plans for UK HealthCare. Current facilities are split between the Lower Level of the hospital and the Roach Building. Several initial facility studies have been completed that identified expansion and renovation of the areas of the Lower Level of the Roach Building to respond to immediate needs and is consistent with the Ambulatory Master Plan.

Consultant: BSA Lifestructures

Contract # AO71130

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$535,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$535,000

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

Upgrade Surgical Services

Project Number: 2231.00

Scope: \$4,500,000

Project Description:

This project will renovate existing space to develop a Same Day Surgery Intake Unit; will relocate surgical offices adjacent to the operating rooms in the Critical Care Center to expand the Post Anesthesia Care Unit; will develop a Pre-op, PACU, and waiting space in the main hospital building dedicated to pediatric patients; and will renovate the 1st floor surgical waiting area. The current layout and size of unit causes numerous inefficiencies in the department. The amount of PACU beds is too few based on industry standards. This renovation will allow for improved operational efficiencies of the operating rooms and will provide for an improved patient experience with the development of the same day surgery intake unit. This space is connected to the Hospital's central chilled water and steam systems (coal or gas fired boilers chillers).

Consultant: Stengel Hill Architects

Contract # A061140

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$324,000

Cumulative Amendment Amount:

Revised Contract Amount: \$324,000

Contractor: Woodford Builders

Contract # 450000004839

Total Change Orders to Date: 20

Low Bid: \$3,280,000

High Bid: \$4,199,700

Number of Bids: 5

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

No changes orders greater than \$25,000.00 this quarter.

Original Contract Amount: \$3,328,150

Cumulative Change Order Amount: \$44,607

Revised Contract Amount: \$3,372,757

Contract Percent Complete: 85%