

# FCR 17

Office of the President  
December 13, 2005

Members, Board of Trustees:

## CAPITAL CONSTRUCTION REPORT

Recommendation: that the Board of Trustees accept the capital construction report for the three months ending September 30, 2005. 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 of Kentucky is authorized to enter into architectural, engineering, and related consultant contracts for the purpose of accomplishing capital construction.

***For the period July 1, 2005 thru September 30, 2005:***

***There were seven new contracts this quarter.***

Project 2228.0	Construct Student Health Facility Omni Architects, \$1,332,600
Project 2239.1	PCF – Hospital – Virginia Avenue Extension Wilbur Smith & Associates, \$400,000
Project 2229.0	Expand Cancer Infusion Suites Stengel-Hill Architecture, \$84,500
Project 2236.0	Expand Emergency Services – Hospital GBBN, Inc., \$265,000
Project 2240.0	Expand Outpatient Radiology Denham-Blythe Co., \$171,872
Project 2234.0	Expand and Upgrade Livestock Disease Diagnostic Lab CMW, Inc., \$648,000
Project 2233.0	Renovate Vivarium in Central DLAR Facility BHDP Architecture, Inc., \$117,458

***Five contracts were completed:***

- Project 1876.0      Biomedical/Biological Science Research Building  
                            Gilbane Construction Co., \$62,676,871
- Project 2198.0      Electronic Access Rural Demonstration Phase II  
                            Denham-Blythe Co., \$116,692
- Project 2226.0      Renovate Commonwealth Stadium Locker Room  
                            Eubank & Steele Construction, \$603,723
- Project 2153.2      Student Housing – Kirwan/Blanding Accessibility Upgrades  
                            Spectrum Contracting Services, Inc., \$475,577
- Project 2201.0      Upgrade Fume Hoods – LC – Life Safety (Research Bldg #3)  
                            Tri State Fire Protection, \$176,000

***There were two amendments this quarter, and four change orders greater than \$25,000.***

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Action taken:       Approved       Disapproved       Other \_\_\_\_\_

## CAPITAL CONSTRUCTION CONTRACTS QUARTERLY ACTIVITY REPORT

This report contains capital projects that have a dollar scope value of \$400,000 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**

#### **Center for Pharmaceutical & Science Technology (CPST Bldg.)**

The CPST operation will be located in the small buildings zone of the Coldstream Research Park. Some of the operation presently located on the 1st floor of the College of Pharmacy building will be relocated to the new operation in Coldstream. The project scope is \$12 million, CE&IC from Princeton NJ provided the bridging documents, and Messer Construction is the design/builder.

##### *Project Status:*

Mechanical rough-in, framing, site, and building shell are substantially complete. All major manufacturing equipment has been ordered and released for fabrication. Terrazo base and flooring installation will start in November, limiting other work in the core. Utility equipment installation will proceed in the mechanical rooms.

#### **Construct Parking Structure**

##### *Project Description:*

This project constructs two parking structures located on the University of Kentucky central campus. Virginia Avenue and Complex Drive were selected as the sites for these two structures. The structures house 1,312 parking spaces (732 PS #6 and 580 PS #7) and 10,000 sq. ft. of office space. The structures will serve mixed usage of students, faculty, staff and visitors.

##### *Project Status:*

##### Parking Structure #6 (Virginia Ave.):

Work during October included supported decks 3D, 3E, 3F and 4A. Reinforcing steel for 4B and 4A concrete poured during the last week of October. Work planned for November includes deck pours for supported slabs 4C, 4D, 4E, 4F, 5A & 5B and steel reinforcing for 5A. Columns for 4E, 4F, 5A & 5b to be formed and poured. Exterior finishes mock-up to be complete by early November for review.

##### Parking Structure #7 (Complex Dr.):

Progress during October included completion of all bumper walls at ramps, precast panels, and guardrails/handrails in stairwells. Brick masonry at all stairwells is complete, and work continues on west elevation. Roofing for stair towers is complete and ongoing on elevation tower. Exterior grade drywall is being installed at stair towers and exterior caulking is ongoing. Electrical sub-contractor continues conduit installation for garage lighting. Mechanical sub-contractor is complete with storm sewer piping from under-slab drainage to the deck drains. MEP rough-in at the offices and underground piping for the dry standpipe is in progress. Site grading is in progress, including the removal for temporary access roads, the remaining site demolition and the site storm system. Work in November will include completion of the parking lot adjacent to the tennis courts, all remaining underground utilities, and masonry work. Installation of store front systems and glazing will begin and continue through November. Permanent power service completed on November 12th with elevator installation beginning the week before permanent power is provided.

#### **Construct Student Health Facility**

##### *Project Description:*

The University Health Facility 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 approximately 65,000 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:*

Omni Architects completed the programming phase and have begun schematic design meetings. Coordination meetings are being held with Ellerbe Becket and Towers-Golde to coordinate the building materials and site layout with the Hospital Expansion project. Meetings have been held with the users and Campus Facility Group to determine the facilities needs and responsibilities.

**Design Patient Bed Tower – Hospital/Clinical Enterprise Master Plan**

*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 provides much of the authority for the design of the Construct Patient Care Facility, Project Number 2239.0.

*Project Status:*

A contract has been executed for departmental level and detail programming, schematic design of the Hospital and Concourse as well as complete design services for the parking garage and related infrastructure. The final contract for the balance of the design and construction administration should be completed in early December. Groups established within the Medical Center community and throughout the campus have provided input into the gross program and master plan. The second round of programming to include departmental level and detailed programming for the patient care facility is underway and scheduled to end in early December. Two sets of programming meetings were held in October, and one additional set of meetings is scheduled for the third week of November. During the same period design on the parking garage and infrastructure are continuing on an accelerated schedule. The parking garage Construction Documents were reviewed November 2nd. The Infrastructure Schematic Design Documents were delivered in September and have been reviewed. The Construction Documents for the Infrastructure are due in April 2006. The Construction Documents for Huguelet Avenue Extension are due in December 2005. This schedule will allow for the beginning of the construction of the parking garage in early 2006 and the infrastructure in mid 2006.

**Construct Patient Care Facility**

*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. 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.

*Project Status:*

The bulk of the design work is proceeding under Project Number 2099.0 (Design Patient Bed Tower). Gilbane Construction Company has been selected to fill the role of Construction Manager. The Construction Manager will play a significant role in the planning and scheduling of construction as well as other construction projects in the precinct over the next three years. A site logistics plan was presented late September. The plan is under review and analysis by all to be involved. The construction will be administered as a CM at Risk with no less than six (6) GMPs. At this time GMP #1 will be the Virginia Ave. extension (now in Schematic Design); GMP #2 is the parking garage (now in Construction Documents); GMP #3 is the infrastructures package

(now in Schematic Design); GMP #4 is the demolition of the existing structure and foundations for the new hospital, GMP #5 will be the core and shell of the structure, and GMP #6 will be the interior fit up of the hospital (the later three GMPs are now in Programming). The demolition of the property on the block of the parking garage has begun. As of this date, the construction of the parking garage (GMP #1) is scheduled to begin in early 2006; the Virginia Ave. extension (GMP #2) is scheduled to begin in the spring of 2006; the work associated with the infrastructure package (GMP #3) is scheduled to begin in mid 2006, and the construction of the new hospital will begin in early 2007. The project is now scheduled to be completed in mid 2010.

### **Electronic Access Rural Demonstration Project College of Law - Phase II**

#### *Project Description:*

This project will serve to expand and further the initiative of Phase I of Electronic Rural Access for the College of Law. The following is included in the scope:

- 1) Virtual reference services in five (5) remote access locations in rural counties of Kentucky.
- 2) Electronic retrieval, storage and dissemination of video court records.
- 3) Smart Classroom installations in four (4) classrooms and the Courtroom in the UK College of Law.
- 4) Electrical and data infrastructure to support the above items.

#### *Project Status:*

This project is complete.

### **Expand Cancer Infusion Suites - Hospital**

#### *Project Description:*

This project is for the expansion of the chemotherapy infusion program into the 2nd floor of the Davis Millis portion of the Whitney Hendrickson Building. The existing infusion operation is located in the first floor of the same facility directly below the proposed expansion. The demand for chemotherapy infusion services has exceeded the available clinic space capacity causing patients to use inpatient facilities for outpatient services or to wait for needed treatments. The renovation will also provide urgent treatment cancer services that are not currently provided by the cancer center.

#### *Project Status:*

Stengel-Hill received approval to proceed with Construction Documents. The Construction Documents are due for approval on November 15th.

### **Expand Emergency Services - Hospital**

#### *Project Description:*

GBBN / Staggs & Fisher are the consultants designing to a \$2,300,000 construction budget. This renovation project consists of approximately 18,400 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 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; and a new digital radiology room for exclusive use by the Emergency Department. The replacements of the Air Handling Units for this area, originally part of the Upgrade Critical Care Center HVAC project, have been included in this project. The advantages of combining the work include a unified schedule and a smoother transition of HVAC supply during the phasing of the project.



*Project Status:*

Design Development work sessions have been conducted weekly since September 22nd. Final Design Documents were delivered on October 27, 2005, and the review meeting will be held on November 3rd. GBBN will proceed in completing the Construction Documents upon approval of the Design Development Documents.

**Expand Outpatient Radiology**

*Project Description:*

This project is for renovation and expansion of existing outpatient Radiology Clinic located in the Kentucky Clinic. Adjacent available space will be utilized for the expansion. This expansion is needed to provide additional clinic space for the overcrowded outpatient Radiology Department services. The expansion of radiology services into this space will provide additional capacity to serve the various clinics in Kentucky Clinic.

*Project Status:*

Modular building slab poured on October 14, 2005, and site work is ongoing. Building delivery is scheduled for November 8, 2005, and Magnet delivery is scheduled for December 2, 2005.

**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 sq. ft. for offices and 28,100 sq. ft. of laboratories and support space. It is proposed to add 6,300 and 1,200 sq. ft. (net) of new laboratory and office space, respectively. An existing necropsy laboratory and support space will be renovated (2,000 sq. ft. net).

*Project Status:*

The Schematic Phase Review meeting was delayed from September 27, 2005 to October 18, 2005 to allow confirmation of Program Space allocation within the entire LDDC facility. Approval to the Schematic Phase Review was provided on September 27, 2005. The duration to complete the CD documents was extended 4 weeks. These delays impact the original schedule 2 months, but approval was obtained from the College of Agriculture. Accordingly, the digester anticipated delivery date slipped from April 1, 2006 to June 1, 2006. The project remains within budget.

**4<sup>th</sup> 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 \$9,600,000.

*Project Status:*

Final construction documents have been received. The NIH has approved the project for bidding, but bidding has been delayed pending development of an acceptable strategy for addressing concerns with excessive vibration in the existing building. The design was completed on schedule. A strategy to address vibration concerns has been approved and will consist of the following: 1) including acoustic chambers constructed of drywall and insulation above the ceiling

in the steam valve and transformer areas. 2) Including unit pricing for special ceiling tile with high sound isolation properties to be installed in certain sensitive rooms. 3) Including an alternate bid item to put vibration isolation devices on some of the EF fans. The schedule has been revised based on a mid December bid date.

### **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:*

Construction work has begun, and the contractor's trailers are on site. The existing ticket office and the canopies on the east and west entrances have been demolished. Work has begun to create temporary exits on the east and west sides of the existing Coliseum during construction. The existing chiller has been temporarily relocated to provide cooling for the basketball offices during construction. Site excavation for the building pad is nearing completion, and site utility work is well underway. Sanitary and storm sewer work is progressing along Lexington Ave. A chilled water vault is being formed north of Patterson Hall. Fencing has been set for the communications vault to be constructed in the MLK parking lot. Caissons and grade beams are being excavated and poured in the building pad. Existing structural counterforts are being cut off to allow forming of the foundation of the new south wall. Forms are being set for poured in place concrete walls along the southeast corner of the new facility. Work is progressing on schedule. The construction progress meetings will be held the first Tuesday of each month.

### **Renovate Football Practice Field - Nutter Training Center**

#### *Project Description:*

The project will involve implementation of a feasibility study completed in October of 2003 to renovate the football practice fields behind the Nutter Training Center. The existing fields are a "soil-based" natural turf (3 total) and the fourth is an artificial turf field. The project will be issued as a design/build RFP to install two (2) "sand-based" natural turf fields, one (1) synthetic turf field and remove the artificial turf covering on the artificial turf field so that it can be used as a parking lot. Miscellaneous associated work will include relocation of the existing camera/observation tower, new irrigation system for natural turf areas, new lighting for synthetic turf areas and adjacent natural turf areas, and miscellaneous electrical outlets, goal posts sleeves and timing clocks.

#### *Project Status:*

All work is complete. A request for additional authority to cover rock excavation cost was approved by the Capital Projects and Bond Oversight Committee in October.

### **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:*

Schematic Design Documents are due on November 2, 2005. The existing conditions assessment completed on October 19, 2005. We are currently reviewing equipment selections for pre-purchase.

### **Student Housing Facilities**

#### *Project Description:*

In an effort to respond to issues related to students living off campus, the University has undertaken efforts to assess its campus housing. Consistent with the recently adopted UK Physical Development Campus Plan 2050 Final Report December 2002, the University has constructed new dormitories with 684 new beds. The dormitories are configured with suites or semi-suite bedrooms and living areas. The dormitories are located at sites as identified in the Phase 1 Housing-2010 Campus Plan. New housing includes common areas, student activity spaces, academics, food services, parking and central campus utilities. Substantial completion was summer 2005.

#### *Project Status:*

Project is complete. Contractor is addressing warranty items and outstanding punch list items. Buildings fully occupied for fall semester.

### **Student Housing - Kirwan/Blanding Commons Accessibility Upgrades**

#### *Project Description:*

This \$555,000 project is part of the Student Housing authority. The Kirwan/Blanding Residence Complex was built prior to the enactment of "The Americans with Disabilities Act." Currently, there are no rooms within the Kirwan/Blanding Complex that accommodate a disabled student. The new Student Housing Facilities, being built east of the Kirwan/Blanding Complex, will be 100% accessible to disabled students. Students residing in the new housing facilities utilize the Kirwan/Blanding Commons for dining and food service; thus, the need arose to renovate the facility prior to completion of the new residential facility. The design consultant is James Potts Architects.

#### *Project Status:*

Project is complete.

### **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:*

A.M. Kinney of Cincinnati, the designer of record for the BBSRB Project, completed an analysis of various approaches to implement the project. The study included several program options containing a budget analysis of each option. Facilities and PPD personnel reviewed the study in an attempt to establish the most effective program for expenditure of the available funding.

Issues regarding Title V permitting and establishment of infrastructure priorities as well as State budgetary considerations will play into the establishment of the final program. Further progress is dependent on decisions as to proper avenue for expenditure of funding in light of future project needs.

### **Construct Biological Pharmaceutical Complex Building**

#### *Project Description:*

Phase I of the Biological Sciences/Pharmaceutical Complex, authorized by the 2005 General Assembly, will construct a shelled building at UK's Research Complex. Phase II will complete the 242,000 gross square foot facility. 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 is planned to 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 new building will provide significant needed research space for the University.

#### *Project Status:*

The RFP for consultant services for Prime (Lead Architect), M/E/P, and Signature Architect were advertised, and proposals were received on October 21, 2005. Short listing and interviews are scheduled during November and December 2005. Design activities are anticipated to begin late January or early February 2006.

### **Construct Horticultural Research and Education Facility**

#### *Project Description:*

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 non-traditional enterprises and family farms. It will follow and supplement the intent of the South Farm Improvements project. 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 and environmental rooms.

#### *Project Status:*

Programming has not yet advanced very far due to the current priorities on establishing adequate greenhouse space for the upcoming winter season.

### **Expand Ophthalmology Clinic - Hospital**

#### *Project Description:*

The project is for renovation and expansion of the existing Ophthalmology Clinic located in the Kentucky Clinic. Adjacent available space would be utilized for the expansion. The project will expand the existing operation into vacated space in the Kentucky Clinic as well as renovating the existing space. The expansion is needed to provide additional clinic space for the overcrowded Ophthalmology Department services. This expansion will allow for improvements in efficiency and in customer satisfaction within this clinic.

#### *Project Status:*

This project is being evaluated as part of the master plan and is on hold at this time.

### **KY Swine Development & Training Ctr. Feed Mill (Woodford County)**

#### *Project Description:*

Revised project will construct a feed mill on the Woodford County Animal Research Center within either the sheep or swine unit. AG Engineering will design the mill utilizing new components and some equipment from the Cold Stream Farm feed mill when it is demolished.

#### *Project Status:*

The project was delayed 2 to 3 weeks while the College of Agriculture prepared Final CD documents, but final documents were delivered to CPMD at the end of October.

### **Upgrade Surgical Services**

#### *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).

#### *Project Status:*

The project advertised for consulting services on September 21, 2005. The short list was held on October 12<sup>th</sup>, and interviews were conducted on October 21, 2005. Stengel Hill Architecture has been selected as Consultant.

### **American Cancer Society – Hope Lodge & Office Building**

#### *Project Description:*

The project entails construction of two buildings for the American Cancer Society. The Hope Lodge, a three story, 34 unit, 25,377 gross square foot residential care facility will provide rooms for cancer treatment patients and their families while they are receiving treatments in Lexington hospitals. The Office Building, a one story, 5,052 gross square foot building will house the local offices of the American Cancer Society. The building complex will be located on Sports Center Drive, also including parking areas for both facilities, a shared terrace between the buildings, landscaping, site lighting and a small parking lot for the existing “K” Association House next door.

#### *Project Status:*

Utility relocation is ongoing as well as foundation excavation for both the buildings. Construction is expected to complete in October of 2006.

### **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.

The three to four story building, approximately 65,000 gross square foot, will house research labs, equipment and support rooms, offices and conferences rooms. The program also includes approximately 12,000 gross square foot for greenhouses and head house.

*Project Status:*

Continue Programming review meetings this month. A site evaluation matrix was prepared and presented to UK on September 27, 2005. UK concurred that a site adjacent to Farm Road and west of the Good Barn was suitable for the ARS building. At the Design Charette Meeting the College of Agriculture approved the building site and a 50 year easement. The information will be prepared by USDA and forwarded to UK.

## CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

### Biomedical /Biological Sciences Research Bldg

Project Number: 1876.0

#### Project Description:

Scope: \$75,023,719

BBSRB is a state of the art facility for collaboration in research and graduate education in biological chemistry, genetics, molecular and cellular biology, neuroscience and related fields. This project was designed by A.M. Kinney and ZBA of Cincinnati and Venturi, Scott Brown of Philadelphia.

**Consultant:** A.M. Kinney

Contract # A001400	Original Contract Amount:	\$5,600,000
Total Amendments to Date: 5	Cumulative Amendment Amount:	\$814,079
<b>Describe all amendments :</b>	Revised Contract Amount:	\$6,414,079

**Amendment #A1**, 12/11/01, an increase of \$485,742.00, was approved to provide consultant services to include the addition of a pedestrian bridge to the main campus, expanded Vivarium facilities and the addition of space for an amenity feature. **Amendment #2**, 10/8/02, an increase of \$204,750.00, was approved to provide for owner requested changes to the design during the construction document phase and for reimbursable expenses for printing and HB&C plan review fees. **Amendment #3**, 6/10/03, an increase of \$95,662, was approved for additional service during the Bidding Process which includes Specification and Bidding of a Boiler for the CUP, Revision of Division 1700 Specifications to current standards and analysis of multiple bid packages. **Amendment #4**, 3/9/04, an increase of \$20,425, was approved for additional design services as required to support application for a federal grant. This amendment was also for additional design services to redesign the spine due to the discovery of concealed utilities, and for the redesign of site work to accommodate the demolition of an existing building. **Amendment #5**, 03/08/2005, an increase of \$7,500.00 was approved for additional design services to upgrade/modify some of the electrical panels as a result of equipment and systems being moved in.

**No amendments this quarter.**

**Contractor:** Gilbane (Construction Manager At-Risk)

Note: This is 'CM-At-Risk' contract. The contracted amount will be increased as sub-contracts are bid and added. \*Gilbane's contract was awarded by RFP process.

Contract # X203535	Original Contract Amount:	\$60,301,023
Total Change Orders to Date: 246	Cumulative Change Order Amount:	\$2,375,848
Low Bid:	Revised Contract Amount:	\$62,676,871
High Bid:	Contract Percent Complete:	100%

Number of Bids:

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

**Change Order #27**, 1/9/03, was approved for \$32,683 to delete Adscoc steam expansion joints from Specification 15121CUP. After bid, issues were discovered with one of the specified expansion joints, as such this manufacturer was eliminated from specification, resulting in additional cost for alternate joints. **Change Order #40**, 3/14/03 was approved for \$72,705 to incorporate revisions to pumping systems and valves. **Change Order #44**, 3/17/03, was approved for \$82,037 to change direct buried steam piping Multitherm 500 System Class A. This will provide a more durable protective jacket for steam piping. **Change Order #45**, 3/28/03, was approved for \$48,745 to revise circuit breaker specification and to relocate bus differential relays. **Change Order #49**, 4/8/03, was approved for \$42,430 to undercut BBSRB ground floor from column line 8 north as required due to unsuitable soils and uneven rock. **Change Order #59**, 5/20/03, was approved for \$87,614 because it was determined that certain portions of the plumbing design did not comply with the Kentucky HB&C requirements as interpreted by the reviewer. **Change Order #61**, 5/23/03, was approved for \$117,246 to revise the RO/DI water system in the BBSRB to increase the quality of water provided at the labs to a Level II. **Change Order #70**, 6/11/03, was approved for \$26,383 to revise routing of ductbanks east of CUP. **Change Order #71**, 6/11/03 was approved for \$35,484 to provide additional down leads for the Lightning Protection System required to obtain U.L. Listing. **Change Order #77**, 7/21/03, was approved for \$170,684 to revise the electrical switch gear and associated bus ducts. The feeds for the CUP were converted from the 4160V to 480V to accommodate operational safety considerations. **Change Order #89**, 8/22/03, was approved for \$112,333, to provide reimbursement for costs incurred as a result of the storm event on May 15, 2003. This was reimbursed thru the Builders Risk Insurance Policy held by the University. **Change Order #109**, 10/21/03, was approved for \$36,466 to provide temporary heating. **Change Order #110**, 10/21/03, was approved for \$57,460, to provide a resinous flooring system. **Change Order #120**, 11/24/03, was approved for \$47,518 to modify ground floor ceiling to a stud frame. **Change Order #121**, 12/3/03, was approved for \$25,793 to provide freezer monitoring. **Change Order #125**, 12/9/03, was approved for \$40,000 to modify concrete columns at bridge. **Change Order #135**, 1/21/04, was approved for \$116,760 for addition of ductwork to animal rooms. This CO provided dedicated exhaust for the caging systems being purchased for the DLAR facilities. Installation of this ductwork reduced the cost of the caging systems in excess of \$200,000. **Change Order #136**, 1/21/04, was approved for \$25,811 to revise HVAC layout in the Cafe. The space allowed in the original design was not sufficient for the services to be installed. **Change Order #140**, 1/21/04, was approved for

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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\$78,477 to provide Energex ceiling on the ground floor. This CO upgraded the ceiling in the DLAR facilities to allow for improved wash down, maintenance and disinfecting operations. **Change Order #148**, 2/24/04, was approved for \$30,000 to modify concrete columns at bridge. This CO covers corrective work to adjust concrete column height. The consultant will be back charged for this work as it resulted from incorrect instructions to the contractor. **Change Order #150**, 3/9/04, was approved for \$51,606 to provide chain link fencing, gates and accessories. This CO was to have been in site paving package that did not bid until April. The CO was issued to another trade contractor in maintain the construction schedule. **Change Order #153**, 3/30/04, was approved for \$57,806 to provide new intake ventilators, painted discharge grill and masonry wall. The original design did not provide sufficient intake air for the emergency generator. **Change Order # 158**, 04/09/04, was approved for \$41,023.00 to revise sitework **Change order #161**, 04/16/01, was approved for \$34,426 to add additional VAV's and associated ductwork to Imaging Suite. **Change order #163**, 04/28/04, was approved for -\$25,203 to credit funds approved for rework of bridge columns. **Change order #226**, 09/15/04, was approved for \$31,463 to relocate generator muffler/exhaust to exterior of building. The required size of the generator did not provide required headroom inside the building to install as originally indicated. **Change order #237**, 09/30/04, was approved for \$32,968 to provide cabling for elevator communications intercoms from each elevator in the BBSRB to the UK MC dedicated intercom system. **Change Order #270**, 03/07/05, was approved for \$36,381 to add gravity ventilators and smoke dampers at the elevator equipment rooms. **No change orders greater than \$25,000 this quarter.**

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**Center for Pharmaceutical & Science Technology (CPST Bldg.)**

Project Number: 2163.0

**Project Description:** Scope: \$12,000,000

The CPST operation will be located in the small buildings zone of the Coldstream Research Park. Some of the operation presently located on the 1st floor of the College of Pharmacy building will be relocated to the new operation in Coldstream.

**Consultant:** CE & IC / Lockwood Greene Engineers, Inc.

\*Multiple consultants have been hired.

The \$ amounts represent the sum of all contracts.

Contract # A041040 / A051060	Original Contract Amount:	\$1,165,000
Total Amendments to Date: 2	Cumulative Amendment Amount:	\$29,900
<b>Describe all amendments :</b>	Revised Contract Amount:	\$1,194,900

**Contract A051060, Amendment #1**, 02/08/05, an increase of \$17,500.00, was approved to complete conceptual design and a cost estimate for the CPST Lexel Building alternative. **Amendment #2, 06/14/05**, an increase of \$12,400.00 was approved for additional design of roof drainage and revision of storm drainage. **No amendments this quarter.**

**Contractor:** Messer Construction

\* Messer's contract was awarded by RFP process.

Contract # X404999 & X504626	Original Contract Amount:	\$12,970,247
Total Change Orders to Date: 8	Cumulative Change Order Amount:	-\$4,671,004
Low Bid:	Revised Contract Amount:	\$8,299,243
High Bid:	Contract Percent Complete:	49%

Number of Bids:

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

**Change Order #1**, 06/18/2004, was approved for -\$4,622,955.00 to reduce the scope of the Design/Build Contract to eliminate the remaining design and construction of the "clean room" areas and building utilities. The manufacturing functions and equipment has changed due to the users' realignment of their processes. The University determined that redesign of the clean room spaces should be done outside of the design/build contract. **Change Order #2**, 04/21/05, was approved for -\$78,807.00 to eliminate all remaining interior work from current contract, and add under slab utilities, second floor structure for mechanical room and roof drainage. **Change Order #3**, 05/03/05, was approved for \$31,991.00, to provide and install an electrode conductor and quazite pull box into the electric room for future equipment connections. **No change orders greater than \$25,000.00 this quarter.**

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CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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**Construct Parking Structure (PS #6 & #7)**

Project Number: 2158.1

**Project Description:**

Scope: \$23,630,000

This project will construct two parking structures located on the University of Kentucky central campus. Virginia Avenue and Complex Drive were selected as the sites for these two structures. The structures house 1,312 parking spaces (PS #6 contains 732 spaces and PS #7 contains 580 spaces) and 10,000 sq. ft. of office space. The structures will serve a mixed use of students, faculty, staff and visitors.

**Consultant:** HNTB

Contract # A041060

Original Contract Amount: \$939,790

Total Amendments to Date: 1

Cumulative Amendment Amount: \$49,900

**Describe all amendments :**

Revised Contract Amount: \$989,690

**Amendment #1, 7/13/04**, an increase of \$49,900 was approved for design services and expenses for the re-design of the buildings' facades (materials & elevation design). **No amendments this quarter.**

**Contractor:** Messer Construction Co.

\*Messer's contract was awarded by RFP process.

Contract # X501385

Original Contract Amount: \$18,227,000

Total Change Orders to Date: 19

Cumulative Change Order Amount: \$2,179,272

Low Bid:

Revised Contract Amount: \$20,406,272

High Bid:

Contract Percent Complete: 65%

Number of Bids:

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

**Change Order #2, 01/06/05**, was approved for \$100,080.00 to provide for changes in the live load structural design of PS #6. **Change order #4, 02/23/05**, was approved for \$195,522.00 to include an additional tennis court and to modify grading and drainage. **Change order #5, 02/23/05**, was approved for -\$51,660.00 to delete the scope of all work associated with the basketball court addition originally planned. **Change order #11, 05/31/05**, was approved for \$119,290.00 for revisions to underground domestic water and fire services at PS#6. The KAWC owned line required new services, to be installed by their approved contractor, including a new vault in the KAWC easement along Virginia Ave. and a separate line to serve domestic water and fire service.

**Change order #13, 05/31/05**, was approved for \$1,797,284.00 to include an additional parking level to PS#6. The university recognized that additional parking will be necessitated by the upcoming construction of the Hospital Expansion project. The additional funding was made available by the UK Parking & Transportation Services. **No change orders greater than \$25,000 this quarter.**

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CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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**Construct Student Health Facility**

Project Number: 2228.0

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 65,000 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

Total Amendments to Date:

**Describe all amendments :**

**No amendments this quarter.**

Original Contract Amount:

\$1,332,600

Cumulative Amendment Amount:

Revised Contract Amount:

\$1,332,600

**Contractor:**

Contract # No construction contracts awarded to date.

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

Design Patient Bed Tower - Hospital [Clinical Enterprise Facilities Master Plan]

Project Number: 2099.0

Project Description:

Scope: \$10,000,000

The Hospital's present patient 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, Ellerby-Becket, Staggs & Fisher, Affiliated Engineers, THP Limited as well as a number of specialty consultants. This project provides much of the authority for the design of the Construct Patient Care Facility, Project 2239.0.

Consultant: KSA and GBBN, Inc.

\*Multiple consultants have been hired.

The \$ amounts represent the sum of all contracts. See below for breakout.

Contract # K04-137/A051130	Original Contract Amount:	\$978,160
Total Amendments to Date: 4	Cumulative Amendment Amount:	\$8,422,354
<b>Describe all amendments :</b>	Revised Contract Amount:	\$9,400,514
<b>KSA, K04-137</b>	Original Contract Amount::	\$478,160
Total Amendments to Date: 2	Cumulative Amendment Amount:	\$258,500
	Revised Contract Amount:	\$736,660

**Amendment #1**, 01/11/05, an increase of \$121,000.00 was approved for additional work for a Traffic Study as well as a Parking Study. **Amendment #2, 07/12/05, an increase of \$137,500.00 was approved for additional consulting services for the School of Medicine and the Ambulatory Care area.**

<b>GBBN, Inc., A051130</b>	Original Contract Amount:	\$500,000
Total Amendments to Date: 2	Cumulative Amendment Amount:	\$8,163,854
	Revised Contract Amount:	\$8,663,854

**Note:** *This Patient Bed Tower design contract will expand and increase as the project moves forward. While listed as an "amendment" it is in fact simply a planned and phased implementation of the overall negotiated design contract.*

**A051130, Amendment #1**, was approved on 05/10/05. This amendment for \$1,572,700.00 incorporates the agreements reached on the scope of services necessary to develop the Master Planning and Gross Programming through the year 2020 and the Detailed Programming for the first phase 1A of the project. **Amendment #2, was approved on 09/13/05. This amendment for \$6,591,154 .00 includes the schematic design services of all elements of the project to include the Hospital and Concourse, the Garage and the Infrastructure as well as full design of the Garage and Infrastructure.**

Contractor:

Contract # No construction contracts awarded.	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:	
<b>Describe all change orders greater than \$25,000.00:</b>	

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

**Construct Patient Care Facility**

Project Number: 2239.0

Scope: \$200,000,000

**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 to clear the site for the new hospital addition as well as land acquisition and utility relocation costs.

**Consultant:** GBBN, Inc.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:** Gilbane (Construction Manager At-Risk)

Note: This is a 'CM-At-Risk' contract. The contracted amount will be increased as sub-contracts are bid and added.

\*Gilbane's contract was awarded by RFP process. Contract negotiation underway.

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:**

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

**PCF - Virginia Avenue Extension**

Project Number: 2239.1

Scope: \$5,000,000

**Project Description:**

GMP#1. This is a portion of the larger Patient Care Facility Project (2239.0). This package will link Huguelet Drive to Virginia Avenue at the current Clinic Drive location. The new road will provide an east-west link from University Drive to the west side of campus at Virginia Avenue. New signalization and bike paths are included to provide additional safety along the route. New entries to existing parking lots will be constructed and perpendicular parking will be removed between University Drive and Rose Street. The entire route will receive new landscaping and way-finding signage that will tie to both the Medical Center and Main Campus standards.

**Consultant:** Wilbur Smith Associates

Contract # A061050

Original Contract Amount:

\$400,000

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$400,000

**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.

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

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**PCF - Parking Garage**

Project Number: 2239.2

Scope: \$25,071,000

**Project Description:**

GMP#2. This is a portion of the larger Patient Care Facility Project (2239.0). This package will construct a 410,000 square foot, five level parking structure that will have an 1,125 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.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**PCF - Infrastructure**

Project Number: 2239.3

Scope: \$50,000,000

**Project Description:**

GMP#3. 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; Chiller Plant No. 1, on University Drive will be renovated with new chillers; new emergency generators will be added to Chiller 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.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**PCF - Demolition and Foundations**

Project Number: 2239.4

Scope: \$32,085,000

**Project Description:**

GMP#4. This is a portion of the larger Patient Care Facility Project (2239.0). The package will contain the demolition of the existing Parking Structure #4. The work on this GMP will involve the start of all deep foundations up to the grade surface of the excavation.

**Consultant:** GBBN, Inc.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**PCF - Core and Shell**

Project Number: 2239.5

Scope: \$126,985,000

**Project Description:**

GMP#5. This is a portion of the larger Patient Care Facility Project (2239.0). This package will contain the construction of the new 1,012,000 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.

**Consultant:** GBBN, Inc.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**PCF - Fit-up**

Project Number: 2239.6

Scope: \$103,305,000

**Project Description:**

GMP#6. This is a portion of the larger Patient Care Facility Project (2239.0). This package will contain the remaining 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 of shell space. The package also would contain drawings and specifications for signage, interior furnishings and lighting.

**Consultant:** GBBN, Inc.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

See Project 2099.0: Design Patient Bed Tower - Hospital/Clinical Enterprise Master Plan.

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**Electronic Access Rural Demonstration Project College of Law - Phase II**

Project Number: 2198.2

Scope: \$882,000

**Project Description:**

This project will serve to expand and further the initiative of Phase I of Electronic Rural Access for the College of Law.

The following is included in the scope:

- 1) Virtual reference services in five (5) remote access locations in rural counties of Kentucky.
- 2) Electronic retrieval, storage and dissemination of video court records.
- 3) Smart Classroom installations in four (4) classrooms and the Courtroom in the UK College of Law.
- 4) Electrical and data infrastructure to support the above items.

**Consultant:**

Contract # No consultant contract awarded.

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

**Contractor:** Denham-Blythe

Contract # X600299

Original Contract Amount:

\$44,900

Total Change Orders to Date: 2

Cumulative Change Order Amount:

\$71,792

Low Bid:

Revised Contract Amount:

\$116,692

High Bid:

Contract Percent Complete:

100%

Number of Bids:

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

**Change order #1, 8/4/05, was approved for \$69,369.00 to provide for all architectural and electrical work required to complete the installation of the audio/visual equipment, including additional electrical service and panel.**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Expand Cancer Infusion Suites - Hospital**

Project Number: 2229.0

Scope: \$1,600,000

**Project Description:**

This project is for the expansion of the chemotherapy infusion program into the 2nd floor of the Davis Millis portion of the Whitney Hendrickson Building. The existing infusion operation is located in the first floor of the same facility directly below the proposed expansion. The demand for chemotherapy infusion services has exceeded the available clinic space capacity causing patients to use inpatient facilities for outpatient services or to wait for needed treatments. The renovation will also provide urgent treatment cancer services that are not currently provided by the cancer center.

**Consultant:** Stengel-Hill Architects

Contract # A061060

Original Contract Amount:

\$84,500

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$84,500

**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**Expand Emergency Services - Hospital**

Project Number: 2236.0

Scope: \$4,500,000

**Project Description:**

This renovation project consists of renovating approximately 18,400 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 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:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$265,000

**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.

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:**



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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Expand Outpatient Radiology (Temporary MRI)**

Project Number: 2240.0

**Project Description:**

Scope: \$482,154

This project is for renovation and expansion of existing outpatient Radiology clinic located in the Kentucky Clinic. Adjacent available space will be utilized for the expansion. This expansion is needed to provide additional clinic space for the overcrowded outpatient Radiology Department services. The expansion of radiology services into this space will provide additional capacity to serve the various clinics in Kentucky Clinic.

**Consultant:** No consultant contract awarded.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

**Contractor:** Denham-Blythe

Contract # X601027

Original Contract Amount:

\$171,872

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$171,872

High Bid:

Contract Percent Complete:

40%

Number of Bids:

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

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

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**Expand & Upgrade Livestock Disease Diagnostic Lab**

Project Number: 2234.0

**Project Description:**

Scope: \$8,500,000

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 sq. ft. for offices and 28,100 sq. ft. of laboratories and support space. It is proposed to add 6,300 and 1,200 sq. ft. (net) of new laboratory and office space, respectively. An existing necropsy laboratory and support space will be renovated (2,000 sq. ft. net).

**Consultant:** CMW, Inc.

Contract # A061100

Original Contract Amount:

\$648,000

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$648,000

**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Fit Up 4th Floor in BBSRB**

Project Number: 2227.0

**Project Description:**

Scope: \$9,600,000

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
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Total Amendments to Date:	Cumulative Amendment Amount:	
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<b>Describe all amendments :</b>	Revised Contract Amount:	\$415,000
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**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.	Original Contract Amount:	
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Total Change Orders to Date:	Cumulative Change Order Amount:	
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Low Bid:	Revised Contract Amount:	
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High Bid:	Contract Percent Complete:	
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Number of Bids:

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

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**Memorial Coliseum Expansion**

Project Number: 2196.0

**Project Description:**

Scope: \$30,000,000

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
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Total Amendments to Date: 0	Cumulative Amendment Amount:	
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<b>Describe all amendments :</b>	Revised Contract Amount:	\$2,000,000
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**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 sub-contracts are bid and added.

\*Messer's contract was awarded by RFP process.

Contract # X502765	Original Contract Amount:	\$24,826,864
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Total Change Orders to Date: 1	Cumulative Change Order Amount:	\$4,935
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Low Bid:	Revised Contract Amount:	\$24,831,799
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High Bid:	Contract Percent Complete:	9%
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Number of Bids:

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

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

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Renovate Commonwealth Stadium Locker Room**

Project Number: 2226.0

**Project Description:**

Scope: \$690,000

This project will serve to expand and renovate the football team's defensive squad locker room to allow both offense and defense to gather in one space. Currently the two squads have separate locker rooms connected by a passageway. Restroom and shower facilities will be relocated. New HVAC systems, exhaust fans, lockers, ceiling treatments and floor coverings are included in this project.

**Consultant:** James W. Potts Architects

Contract # A051000II Assn #4

Original Contract Amount:

\$30,000

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$30,000

**No amendments this quarter.**

**Contractor:** Eubank & Steele Construction

Contract # X503190

Original Contract Amount:

\$580,900

Total Change Orders to Date: 12

Cumulative Change Order Amount:

\$22,823

Low Bid: \$580,900

Revised Contract Amount:

\$603,723

High Bid: \$716,207

Contract Percent Complete:

100%

Number of Bids: 7

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

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

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**Renovate Football Practice Field - Nutter Training Center**

Project Number: 2225.0

**Project Description:**

Scope: \$2,250,000

The project involves implementation of a feasibility study completed in October of 2003 to renovate the football practice fields directly behind the Nutter Training Center. The existing fields are a "soil-based" natural turf (3 total) and the fourth is an artificial turf field. The project will be issued as a design/build RFP to install two (2) "sand-based" natural turf fields, one (1) synthetic turf field and remove the artificial turf covering on the artificial turf field so that it can be used as a parking lot. Miscellaneous associated work will include relocation of the existing camera/observation tower, new irrigation system for natural turf areas, new lighting for synthetic turf areas and adjacent natural turf areas and miscellaneous electrical outlets, goal posts sleeves and timing clocks.

**Consultant:** No Consultant contract awarded.

Contract #

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

**Contractor:** Sportsfields

\*Sportsfields' contract was awarded by RFP process.

Contract # X502655

Original Contract Amount:

\$1,850,937

Total Change Orders to Date: 8

Cumulative Change Order Amount:

\$209,420

Low Bid:

Revised Contract Amount:

\$2,060,357

High Bid:

Contract Percent Complete:

99%

Number of Bids:

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

**Change Order #2, 9/30/05, was approved for \$92,315.52, to provide sand base sod for natural turf fields.**

**Change Order #3, 9/30/05, was approved for \$28,920.00 to provide additional synthetic rubber-infill turf field surface along east and west perimeters.**

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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**Renovate Vivarium in Central DLAR Facility**

Project Number: 2233.0

Scope: \$2,250,000

**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. The building is heated with steam from the coal fueled central plants and the cooling is supplied from the central, electric generated, chilled water plants.

**Consultant:** BHDP Architecture, Inc.

Contract # A061110

Original Contract Amount:

\$117,458

Total Amendments to Date:

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$117,458

**No amendments this quarter.**

**Contractor:**

Contract # No construction contract awarded to date.

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:**

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CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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Student Housing Facilities

Project Number: 2153.0

Scope: \$44,170,000

**Project Description:**

In an effort to respond to issues related to students living off campus, the University has undertaken efforts to assess its campus housing. Consistent with the recently adopted UK Physical Development Campus Plan 2050 Final Report December 2002, the University has constructed new dormitories with 684 new beds. The dormitories are configured with suites or semi-suite bedrooms and living areas. The dormitories are located at sites as identified in the Phase 1 Housing-2010 Campus Plan. New housing includes common areas, student activity spaces, academics, food services, parking and central campus utilities. Completion scheduled for summer 2005.

**Consultant:** Ayers/Saint/Gross

Contract # A031090

Original Contract Amount: \$545,000

Total Amendments to Date: 1

Cumulative Amendment Amount: \$187,707

**Describe all amendments :**

Revised Contract Amount: \$732,707

**Amendment #1**, 3/9/04, an increase of \$187,707, was approved for consultant fees to final review documents from design/builder and provide periodic construction observations. It also covered an increase in reimbursable services to employ a Geotechnical Consultant during foundation construction. **No amendments this quarter.**

**Contractor:** Messer Construction

\* Messer's contract was awarded by RFP process.

Contract # X404699

Original Contract Amount: \$33,775,000

Total Change Orders to Date: 98

Cumulative Change Order Amount: \$1,691,742

Low Bid:

Revised Contract Amount: \$35,466,742

High Bid:

Contract Percent Complete: 99%

Number of Bids:

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

**Change Order # 8**, 05/18/04, was approved for \$37,340.37 for 15kV feed from manhole to Copperstown transformer. **Change Order #11**, 05/18/04, was approved for \$30,018.45 for gas line replacement and relocation. **Change Order #15**, 06/17/04, was approved for \$75,900.00 for construction of structural tunnel and manhole as outlined by Fuller, Mossbarger, Scott, and May. **Change Order #18**, 06/29/04, was approved for \$48,755.00 for relocation of domestic water and domestic water pit. **Change Order #26**, 08/16/04, was approved for \$28,246.94 for addition of walls to enclose the electrical room from the rest of the mechanical room. **Change Orders #28 & #29**, 08/18/04, were approved for finishes in all public areas - \$223,000.00 for addition of wood flooring and \$64,800.00 for carpet. **Change Order #31**, 08/30/04, was approved for \$102,452.00 for hardware changes to install 16 new automated door openers. **Change Order #37**, 10/19/04, was approved for -\$30,312.32 as a window credit for changes requested by UK. **Change Order #46**, 12/01/04, was approved for -\$86,594.00 for a landscape change/deduct. The landscaping will be coordinated by the UK Grounds department. **Change Order #58**, 03/08/05, was approved for \$39,644.55 for the change from a solid retractable wall to a glass accordion partition wall in the lounges of buildings 1, 2 and 3 for visibility in the lobby classroom area. **Change Order #63 & #64**, 04/05/05, were approved for \$96,839.00 and \$80,845.00 respectively, for revisions of the South and North Site Sidewalks. These revisions include additional sidewalks, revised sidewalk locations, thicken pavement and additional planting curbs to benefit the long term use and care of these new facilities. **Change Order #66**, 04/25/05, was approved for \$58,425.31 for the installation of student mailboxes in each of the four new residence halls. **Change Order #67**, 04/25/05, was approved for \$32,716.35 for additional Life Safety Devices for the South Site to meet the UK Fire Marshall's requirements. **Change Order #81**, 07/15/05, was approved for \$59,800.00 to provide landscaping. The University sought independent bids for landscaping but did not receive any bidders. Messer was requested to provide the landscaping at the building entrances.

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**CAPITAL CONSTRUCTION QUARTERLY ACTIVITY**

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**Student Housing - Kirwan/Blanding Commons Accessibility Upgrades**

Project Number: 2153.2

**Project Description:**

Scope: \$555,000

This project is part of the "Student Housing Facilities" authority. The Kirwan/Blanding Residence Complex was built prior to the enactment of "The Americans with Disabilities Act." Currently, there are no rooms within the Kirwan/Blanding Complex that will accommodate a disabled student. The new Student Housing Facilities, being built east of the Kirwan/Blanding Complex, will be 100% accessible to the disabled. Students residing in the new housing facilities will utilize the Kirwan/Blanding Commons for dining and food service; thus, the need to renovate the facility prior to completion of the new residential facilities.

**Consultant:** James Potts Architects

Contract # A041110

Original Contract Amount:

\$48,700

Total Amendments to Date: 0

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$48,700

**No amendments this quarter.**

**Contractor:** Spectrum Contracting Services, Inc.

Contract # X501131

Original Contract Amount:

\$446,555

Total Change Orders to Date: 14

Cumulative Change Order Amount:

\$29,022

Low Bid: \$446,555

Revised Contract Amount:

\$475,577

High Bid: \$579,786

Contract Percent Complete:

100%

Number of Bids: 5

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

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

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**Student Housing - Supporting Utility Plant Upgrades**

Project Number: 2153.3

**Project Description:**

Scope: \$1,275,000

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.

**Consultant:** AM Kinney

Contract # A041000GG

Original Contract Amount:

\$26,315

Total Amendments to Date: 0

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$26,315

**No amendments this quarter.**

**Contractor:** English Boiler & Tube Inc.

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

Contract # X500192

Original Contract Amount:

\$245,155

Total Change Orders to Date:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount:

\$245,155

High Bid:

Contract Percent Complete:

98%

Number of Bids:

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

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Upgrade Fume Hoods - LC - Life Safety (Research Bldg. #3)

Project Number: 2201.0

Scope: \$532,000

**Project Description:**

The scope of work to be performed in this project includes installation of strobic fans, combination eyewash/showers and securing of hood sashes, installation of sprinklers throughout the building, the replacement of 30" X 60" ceiling tiles, and enclosing of the 2 stairwells.

**Consultant:** Biagi, Chance, Cummins, London and Titzer

Contract # A041020K

Original Contract Amount:

\$23,700

Total Amendments to Date: 0

Cumulative Amendment Amount:

**Describe all amendments :**

Revised Contract Amount:

\$23,700

**No amendments this quarter.**

**Contractor:** Tri State Fire Protection

Contract # X405017

Original Contract Amount:

\$170,000

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$6,000

Low Bid: \$170,000

Revised Contract Amount:

\$176,000

High Bid: \$204,800

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.**

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