

Office of the President
December 14, 2004

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending September 30, 2004 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 July 1, 2004 thru September 30, 2004:

There were five new contracts:

- | | |
|----------------|---|
| Project 2153.3 | Student Housing – Supporting Utility Plant Upgrades
English Boiler & Tube, Inc., \$245,155 |
| Project 2158.1 | Construct Parking Structures (PS #6 & #7)
Messer Construction Co., \$18,227,000 |
| Project 2198.0 | Electronic Access Rural Demonstration Project College of Law
Denham Blythe Co. Inc., \$223,525 |
| Project 2204.0 | Renovate IRIS Training Facility
Preston Construction Group, \$884,500 |
| Project 2218.0 | Replace Memorial Coliseum Court Lighting
WESCO Distribution Inc., \$409,556 |

There was one amendment this quarter, and seven change orders greater than \$25,000.

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
September 30, 2004

Biomedical /Biological Sciences Research Bldg (BBSRB)

Project Description:

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 \$72M project is designed by A. M. Kinney and ZBA of Cincinnati and Venturi, Scott Brown of Philadelphia. The current completion date is 10/21/04 although Gilbane, the Construction Manager At Risk, remains committed to early completion.

Project Status:

Work during the month of September included energizing the steam piping in the spine and Central Utility Plant, final grading and seeding along South Limestone Street in front of Kentucky Clinic and BBSRB, continuing finishes including blinds, finish hardware, painting and ceiling tile on the 2nd and 3rd floors, final inspection of the ground and first floors, installation of curtain wall and glass on the bridge over South Limestone Street, final inspections for the exterior of the BBSRB, and painting and finishes within the Kentucky Clinic where the bridge connects to the structure. Work during October will include a 14 day test run of the chiller, final piping of the boiler system, final finishes on the second and third floor, final inspections of the second and third floors, interior finish work on the bridge, completion of final grading throughout the project, testing and commissioning of the mechanical systems of the BBSRB, and final cleaning throughout the project.

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:

A contract has been processed with Lockwood Greene to design the manufacturing core of the CPST facility. Preliminary estimates are being generated in order to analyze the feasibility of beginning construction of the shell prior to completion of the core design. During the next month, Lockwood Greene will solidify their schematic design and will begin detail development. The CPST will schedule a preliminary meeting with the FDA to review the design basis and discuss pharmacy operations.

Construct Multi Purpose Room @ Nutter

Project Description:

This planned \$4 million project will provide dining and meeting space along with kitchen facilities to service Commonwealth Stadium suites, concession operators, athlete training table, and departmental functions. The facility will host recruiting functions for all sports and include video and audio specialties designed to impress recruits and their families. The building is planned as a 12,500 square foot addition to the south end of the Nutter Field House. Ross-Tarrant is the design architect, teamed with HNTB from Kansas City, MO. UK Athletics Association hopes the facility is in use by the 2005 football season.

Project Status:

Phase 3 documents were received on 9/17/04, and a review meeting was held on 9/22/04. Within the next month, the project will be released for contractor bidding. Bids will be opened on 11/02/04.

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 approximately 1,300 parking spaces and 10,000 sq. ft. of potential office space. The structures will serve mixed usage of students, faculty, staff and visitors. This project is funded at \$20,280,000.

Project Status:

Cost proposals were received from selected firms at the end of August. All proposals exceeded the funds available and competitive negotiations with the competing firms was initiated in early September. New cost proposals are due 09/30/04 and, if an acceptable proposal is received, a contract will be awarded before the end of October.

Design Patient Bed Tower – Hospital/Clinical Enterprise Master Plan

Project Description:

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.

Project Status:

The team of Perkins & Will/KSA was awarded the contract to masterplan the clinical enterprise precinct of the campus. Masterplanning effort should complete by October 2004.

Electronic Access Rural Demonstration Project College of Law – Phase I

Project Description:

This demonstration project involves the development and installation of electronic access sites in rural locations, an electronic access information hub, and classroom and office improvements in the College of Law. The electronic access sites will provide remote access to the College of Law's virtual reference service and enhanced web site and will include dedicated interactive videoconferencing technology. The project involves upgrades to the College of Law infrastructure and renovation of College of Law facilities.

Project Status:

Classrooms 137 and 215 are complete and operable with the exception of some integration issues by PSG. Work resumed in Matrix Room including duct modifications and electrical rough-in. Submittals on lighting and VAV boxes are being reviewed by PPD. Delivery of the new Law Library tables was delayed due to shipping damage.

Infrastructure Utility Upgrade Phase I - Hospital Drive Steam Line

Project Description:

This \$ 819,090 project consists of replacing direct buried steam piping under Hospital Drive. Buried piping will be replaced between manholes.

Project Status:

Construction on Phase 1B was completed by the end of September. This allowed reactivation of the steam supply via the vault, and piping near Veterans Dr. is complete. Access to the VA Parking Structure via the Veterans Dr. end is allowing the contractor to continue piping installation down Hospital Dr. through the month of October.

Main Building Reconstruction (Administration Bldg.)

Project Description:

This \$16,998,000 project will replace major elements and provide new interior spaces within the old Administration building, destroyed by fire in May, 2001. The project has been designed by Kliment-Halsband/Jim Potts Architects. Messer Construction Company is the construction manager handling multiple trade contracts for the duration of the work. Completion is currently scheduled for September, 2004. The project involves rebuilding the interior and exterior re-using the exterior masonry wall shell that remained after the fire. In general, the President's office and related functions will be housed in the building along with a visitor's center, smart classrooms, public ceremonial space and other administrative offices. All building systems will be new and include state of the art HVAC, electrical, communications, fire/smoke detection and suppression components and will be connected to the central campus utility loop. Structural and architectural systems and details include new toilets, elevator and other amenities associated with new construction to meet current building codes and accessibility standards. Sitework will include the creation of a Patterson Plaza entrance at the east side of the building and a connecting link to the Gillis Building.

Project Status:

During September, the remaining work within the building was completed and punch list inspections were conducted in all areas except the stairwells, which will be inspected as part of the building final inspection. Furniture has been delivered and assembly and installation has begun. Final installation of furniture, communications connections, and permanent keying will be completed by 10/11/04. Move-in will begin on 10/11/04 and, with the exception of the President's staff who will be moved 10/18/04 and 10/19/04, will be complete by 10/15/04. Correction of punch listed items will continue through the first two weeks of October. During the same period, construction vehicles and trailers will be removed from the site, final paving will be installed on Administration Drive, and lawn areas will be sodded in advance of installation of landscaping.

Memorial Coliseum Expansion

Project Description:

The basketball practice facility is approved for design only for 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 with a scope of \$2.5 million. The estimated total cost of the facility is \$28 million, consisting of the \$2.5 million for design plus \$25.5 million for construction, which is still awaiting authorization. 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 renovates 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 project budget has been increased to \$22,800,000 to reflect the projects infrastructure burden and the program expansion. This corresponds to an overall scope increase to \$30,000,000 (\$2.5M approved for design and \$27.5M request for construction still pending legislative authorization). Phase 2 Design Development documents were received and distributed for review. Phase review meetings are scheduled the first week in October. The Phase 2 estimate indicates the project is within budget. An initial graphics design meeting is currently being finalized with Ze Design. The meeting is tentatively scheduled on 10/12/04. Official recommendation for a Commissioning Agent is pending the selection committee's review of the best and final offer from the apparent best firm.

Modify Nursing Unit XII-(Hospital Labor & Delivery)

Project Description:

This project consists of finish upgrades to the Labor and Delivery rooms (LDR) on the third floor of the UK Hospital. The work consists of new solid surface window sills, floor and wall finishes, ceiling tiles, cubical curtains and tracks; relocation of existing medical gas, electrical and communication outlets; and installation of new wall mounted work surfaces and monitor brackets. New fetal heart monitors and a central monitoring system will be purchased and installed, as well as new head walls, procedure lights, entertainment centers and wardrobes. The hospital intends to close two (2) rooms at a time for the work to be performed. The scope is \$980,000; \$451,440 is the construction estimate with \$263,448 budgeted for fixed equipment. Lyle Associates Architects and Staggs & Fisher Engineers are the design consultants.

Project Status:

The first set of labor rooms were completed and turned over to the Hospital on 09/16/04. Work on the next set of rooms began on Monday, 09/20/04 and should be complete on 10/24/04 since each phase is 24 days. A progress meeting for Phase 3 is scheduled on 10/07/04.

Renovate IRIS Training Facility

Project Description:

This project will renovate the rear of the 630 S. Broadway building for use as the IRIS Training Facility. This space to be renovated is approximately 3600 square feet. There will be a total of 16 offices, one large and two smaller training/conference rooms. A mezzanine will be constructed at the rear of the space where the floor is depressed. New HVAC systems, lighting and acoustical treatments will also be included. The architect is Omni Architects, and the M/P/E is AFA Engineers. The scheduled completion date is November 2004.

Project Status:

During September, foundation pilings and structural steel framing for mezzanine were installed. The upper and lower floor slabs were poured, and plumbing rough-in was approved for bathroom slab. Wall framing started on 9/20/04 and will continue through October.

Replace Memorial Coliseum Court Lighting

Project Description:

The existing lighting system over the Memorial Coliseum playing floor is obsolete, and it is presenting a safety concern due to aging fixtures. The new system increases lighting capacity while saving energy costs. This system, similar to the lighting recently installed in Rupp Arena, provides flexibility in lighting levels for the different activities scheduled in the facility. The system can be serviced from the floor level, which eliminates the need to maintain the system from the attic above the floor.

Project Status:

A firm has been selected to provide replacement lighting for the playing courts. Notification and award are pending approval from the Board of Trustees. Wesco Distribution, Inc. has been selected to provide a Sterner Lighting system designed specifically for arena lighting. This is the same lighting system installed at Rupp Arena.

Replace Steam and Condensate Pipe (Limestone Street @ Pedway)

Project Description:

This \$1,194,159 project consists of a new utility tunnel under Limestone Avenue adjacent to the Peterson Service Building. There will be new concrete vaults on each side of Limestone Avenue connected to the utility tunnel. ZBA is the design consultant, and the contractor is Finney, Co.

Project Status:

Traffic on Limestone St. was restored to 3 lanes, and piping installation is continuing in both vaults and the tunnel. The lid to Vault "B" is to be completed during the week of 10/11/04 so the area on the east side of Limestone Street can be restored by the week of 10/18/04.

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 is constructing new dormitories with 684 new beds. The dormitories will be configured with suites or semi-suite bedrooms and living areas. The dormitories will be located at sites as identified in the Phase 1 Housing-2010 Campus Plan. New housing will include common areas, student activity spaces, academics, food services, parking and central campus utilities. Completion scheduled for early summer 2005.

Project Status:

Items completed this month include reconstruction of pedways and walkways on the north site, construction of the first floor of the west wing installation in Building #1, and conditional approval of the south mock-up. Work continues on the Building #1 penthouse, electrical/mechanical installations on floors 1 thru 3, and placing brick veneer. Building #2 block placement continues on floor 2 and 3. Building #3 slab on grade is completed and is awaiting block placement. Some minor interior finishes continue and approval of bricks to be used on the south site was obtained. Completion of mock-up for North site remains pending. North site work during October 2004 will include placing block on the 2nd and 3rd floor. South site work during October 2004 will include continuing Building #1 placement of brick veneer; enclosing framing of the penthouse; construction of 3rd floor and penthouse of Building #2; and construction of 1st and 2nd floor rooms of Building #3. Construction completion remains unchanged at June 2005.

Student Housing - Kirwan/Blanding Commons Accessibility Upgrades

Project Description:

This \$500,000 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. Completion is expected by April 2005.

Project Status:

Bids were received on 09/15/04, and Spectrum Contracting Services is the low bidder. The UK Purchasing Division is issuing a work order to Spectrum. A pre-construction meeting has been scheduled for the week of 10/04/2004.

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 proceedings, resulted in a hold on further design efforts. The Title V application was submitted to the State and has been approved. Further progress is dependent on decisions as to proper avenue for expenditure of funding.

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

Project Description:

The scope of work performed in this project includes installation of strobic fans, combination eyewash/showers and securing of hood sashes; Installation of sprinklers throughout the building; replacement of 30" X 60" ceiling tiles; and enclosing the 2 stairwells. The total scope of the work shall not exceed \$532,000. BCCLT is the engineering consultant for the sprinkler system; Pearson & Peters Architects is designing the stairwell enclosures.

Project Status:

Sprinkler installation is approximately 10% complete. All materials for the project have been delivered and are stored on-site. A proposal for additional work to enclose stairwells to meet code requirements has been received and a purchase order will be issued before the end of September. This work should take approximately 2 weeks to complete.

Upgrade Pharmacy Fume Hood I - Life Safety

Project Description:

The scope of work consists of the following: balance each lab, clean the duct system and reheat coils, replace reheat coil control valve, pressure independent controls, remove transfer grilles, rework return fan, remove fans on each floor and install balancing dampers, air handler flow tracking, exhaust fan flow tracking and static pressure control, exhaust fan frequency drives, makeup air unit controls, makeup air unit frequency drives. The existing supply air handling units and lab air terminal units will be retained. The laboratories shall be balanced as negative to the return plenum and negative to other parts of the building. Once the building is properly balanced the airflow dampers are to be manually locked into position creating a fixed air volume scenario and ensuring a negative pressure condition in the labs. The project scope is \$750,000, with a construction budget of approximately \$460,000. Staggs & Fisher is the consulting Engineer.

Project Status:

A final meeting was held on 09/16/04 with the end users. The bid documents will be delivered by 10/05/04, allowing for an 10/19/04 pre-bid and 11/04/04 bid opening.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Biomedical /Biological Sciences Research Bldg

Project Number: 1876.0

Project Description:

Scope: \$73,579,888

The new structure will serve as a state of the art facility for collaboration in research and graduate education, biological chemistry, genetics, molecular and cellular biology, neuroscience and related fields. The design will allow the faculty of multidisciplinary teams to be housed in adjoining labs.

Consultant: A.M. Kinney

Contract # A001400

Original Contract Amount: \$5,600,000

Total Amendments to Date: 4

Cumulative Amendment Amount: \$806,579

Describe all amendments :

Revised Contract Amount: \$6,406,579

Amendment #1, 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. **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: 237

Cumulative Change Order Amount: \$2,262,852

Low Bid:

Revised Contract Amount: \$62,563,875

High Bid:

Contract Percent Complete: 96%

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 Adscos 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 \$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 to 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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Center for Pharmaceutical & Science Technology (CPST Bldg.)

Project Number: 2163.0

Project Description:

Scope: \$12,000,000

The CPST needs to expand its ability to formulate, develop analytical test methods, and manufacture clinical supplies for human use. The expanded CPST operation will be located in the small buildings zone of the Coldstream Research Park. Some of the small manufacturing equipment located on the 1st floor of the College of Pharmacy building will be relocated to the new operation in Coldstream. Federal regulations enforced by the FDA also mandate the quality of air and water used in a human clinical drug manufacturing facility. These requirements must be designed into a new operation and reviewed by the FDA prior to start-up.

Consultant: CE & IC

Contract # A041040

Total Amendments to Date: 0

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$595,000

Cumulative Amendment Amount:

Revised Contract Amount: \$595,000

Contractor: Messer Construction

* Messer's contract was awarded by RFP process.

Contract # X404999

Total Change Orders to Date: 1

Low Bid:

High Bid:

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

Original Contract Amount: \$8,064,000

Cumulative Change Order Amount: -\$4,622,955

Revised Contract Amount: \$3,441,045

Contract Percent Complete: 22%

Construct Multi Purpose Room (@ Nutter)

Project Number: 2195.0

Project Description:

Scope: \$4,000,000

This project will provide dining & meeting space along with kitchen facilities to service Commonwealth Stadium suites, concession operators, athlete training table and departmental functions. The facility will host recruiting functions for all sports and will include video and audio specialties that are designed to impress recruits and their families. The building is planned to be an approximate 12,500 square foot addition to the south end of the Nutter Field House.

Consultant: Ross Tarrant Architects, Inc.

Contract # A041070

Total Amendments to Date: 0

Describe all amendments :

No amendments this quarter.

Original Contract Amount: \$431,730

Cumulative Amendment Amount:

Revised Contract Amount: \$431,730

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

Construct Parking Structure (PS #6 & #7)

Project Number: 2158.1

Project Description:

Scope: \$21,780,000

This project will construct two parking structures to be located on the University of Kentucky central campus. Virginia Avenue Parking lot, and the Complex Drive site have been selected as the sites for these two new structures. The structures will consist of approximately 320,000 GSF and will house approximately 1,000 to 1,400 parking spaces plus potentially 10,000 sq. ft. of office space. The structures will serve a mixed use of students, faculty, staff and visitors. With the increasing building density of the campus, green space and open space is becoming more valuable making parking structures a better choice than surface parking lots.

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).

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:

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$18,227,000

High Bid:

Contract Percent Complete:

Number of Bids:

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

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

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. There have been few, if any improvements during that time. Although the space served patients well, the infrastructure is failing, and the facility can not accommodate present technology. Not all aspects of the deficiencies can be corrected and to attempt anything would require closing much of the facility while undertaking the work. This project will provide the site location evaluation, building programming and planning for a new bed tower.

Consultant: KSA Health Care Consulting Group

Contract # K04-137

Original Contract Amount: \$478,160

Total Amendments to Date: 0

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$478,160

No amendments this quarter.

Contractor:

Contract # No Construction contracts 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

Electronic Access Rural Demonstration Project College of Law - Phase I

Project Number: 2198.0

Project Description:

Scope: \$1,000,000

This demonstration project involves the development and installation of electronic access sites in rural locations, an electronic access information hub, and classroom and office improvements in the College of Law. The electronic access sites will provide remote access to the College of Law's virtual reference service and enhanced web site and will include dedicated interactive videoconferencing technology. The project involves upgrades to the College of Law infrastructure and renovation of College of Law facilities.

Consultant:

Contract # No Consultant contract awarded

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Contractor: Denham-Blyth Co. Inc.

Contract # X404392

Original Contract Amount:

\$223,525

Total Change Orders to Date: 8

Cumulative Change Order Amount:

\$24,330

Low Bid:

Revised Contract Amount:

\$247,855

High Bid:

Contract Percent Complete:

80%

Number of Bids:

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

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

Infrastructure Utility Upgrade Phase I - Hospital Drive Steam Line

Project Number: 1949.2

Project Description:

Scope: \$819,090

This project consists of replacing direct buried steam piping under Hospital Drive. Buried piping will be replaced between manholes and in stages. The east steam manhole will be demolished and rebuilt; the west steam manhole will have its roof replaced. Piping will be reworked in both manholes.

Consultant: Staggs & Fisher (Amendment to 1949.0 Contract)

Contract # A011180

Original Contract Amount:

\$67,600

Total Amendments to Date: 0

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

\$67,600

No amendments this quarter.

Contractor: Lagco

Contract # X501578

Original Contract Amount:

\$699,000

Total Change Orders to Date: 1

Cumulative Change Order Amount:

\$1,279

Low Bid: \$699,000

Revised Contract Amount:

\$700,279

High Bid: \$1,031,477

Contract Percent Complete:

73%

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

Main Building Reconstruction (Administration Bldg.)

Project Number: 2025.0

Project Description:

Scope: \$16,998,000

The Administration Building Reconstruction project involves rebuilding the interior and exterior portions of the building while re-using the exterior masonry wall shell that remained after the May 2001 fire. In general, the President's office and related functions will be housed in the building along with a visitor's center, a smart classroom, public ceremonial space and other administrative offices. All building systems will be new and include state of the art HVAC, electrical, communications, fire/smoke detection and suppression components and will be connected to the central campus utility systems. Structural and architectural systems and details are now being developed but will include new toilets, elevator and other amenities associated with new construction to meet current building codes and accessibility standards. Sitework will include the creation of a Patterson Plaza entrance at the east side of the building and a connecting link to the Gillis Building. Other sitework details are now being programmed.

Consultant: James W. Potts Architects

Contract # A021160

Original Contract Amount: \$841,340

Total Amendments to Date: 1

Cumulative Amendment Amount: \$172,000

Describe all amendments :

Revised Contract Amount: \$1,013,340

Amendment #1, 9/10/02, was approved for \$172,000 to provide for an increase in scope for additional design services. The additional services include the design and construction of increased site work that includes re-grading, utilities relocation and installation, roadwork and landscaping to incorporate the reconstruction of the building into the surrounding campus buildings and grounds. **No amendments this quarter.**

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

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

Contract # X404996

Original Contract Amount: \$12,702,990

Total Change Orders to Date: 121

Cumulative Change Order Amount: \$1,000,765

Low Bid:

Revised Contract Amount: \$13,703,755

High Bid:

Contract Percent Complete: 98%

Number of Bids:

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

Change Order #16, 7/24/03, was approved for \$30,906.00 to add additional storm drainage to the scope. **Change Order #38**, 10/21/03, was approved for \$56,544.00 for "test holes" and additional rock associated with interior caissons.

Change Order #87, 3/10/04, was approved for \$36,678.00 for scope modifications in the public restrooms. **Change**

Order #96, 04/27/04, was approved for \$59,702.00 for changes to second floor South wing (Senate Council suite).

Change Order #97, 04/27/04, was approved for \$47,729.00 for changes to the first floor South wing. **Change order #98**,

04/27/04, was approved for \$36,378.00 for changes to Staff Lounge to accommodate commercial equipment for catering

functions. **Change order #103**, 05/18/04, was approved for \$33,417.00 for Structural and Architectural modifications to

the tower. **Change order #117**, 08/12/04, was approved for \$29,300.00 to adjust the contractually required time of

completion to recognize 50 calendar days delay resulting from the redesign of office areas on the 1st, 2nd and 3rd floors to accommodate increased occupancy.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Memorial Coliseum Expansion

Project Number: 2196.0

Project Description:

Scope: \$2,500,000

This project involves the design of a 92,300 Basketball Practice Facility to enhance the University's ability to attract top student athletes and the university's basketball program. This project 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. The project will also 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: 0

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$2,000,000

No amendments this quarter.

Contractor:

Contract # No Construction contracts 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:

Modify Nursing Unit XII-Hospital Labor & Delivery

Project Number: 2205.0

Project Description:

Scope: \$980,000

Modify Nursing Unit XII will consist of finish upgrades to the Labor and Delivery rooms (LDR) on the third floor of the UK Hospital. The work will consist of new solid surface window sills, floor and wall finishes, ceiling tiles, cubical curtains and tracks; relocation of existing medical gas, electrical and communication outlets; and installation of new wall mounted work surfaces and monitor brackets. New fetal heart monitors and a central monitoring system will be purchased and installed, as well as new head walls, procedure lights, entertainment centers and wardrobes. It is planned that the hospital will close two (2) rooms at a time for the work to be performed.

Consultant: Lyle Associates

Contract # A041090

Original Contract Amount: \$68,000

Total Amendments to Date: 0

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$68,000

No amendments this quarter.

Contractor: Jarboe Construction Inc.

Contract # X405018

Original Contract Amount: \$343,700

Total Change Orders to Date: 2

Cumulative Change Order Amount: \$17,052

Low Bid: \$343,700

Revised Contract Amount: \$360,752

High Bid: \$378,840

Contract Percent Complete: 26%

Number of Bids: 4

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

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

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Renovate IRIS Training Facility

Project Number: 2204.0

Project Description:

Scope: \$1,400,000

This project will renovate the rear of the 630 S. Broadway building for use as the IRIS Training Facility. This space to be renovated is approximately 3600 square feet. There will be a total of 16 offices, one large and two smaller training/conference rooms. A mezzanine will be constructed at the rear of the space where the floor is depressed. New HVAC systems, lighting and acoustical treatments will also be included. The scheduled completion date is November 2004.

Consultant: OMNI Architects

Contract # A041000P

Original Contract Amount: \$50,000

Total Amendments to Date: 0

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$50,000

No amendments this quarter.

Contractor: Preston Construction Group

Contract # X500457

Original Contract Amount: \$884,500

Total Change Orders to Date: 2

Cumulative Change Order Amount: \$18,536

Low Bid: \$884,500

Revised Contract Amount: \$903,036

High Bid: \$898,000

Contract Percent Complete: 80%

Number of Bids: 3

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

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

Replace Memorial Coliseum Court Lighting

Project Number: 2218.0

Project Description:

Scope: \$600,000

The existing lighting system over the Memorial Coliseum playing floor is obsolete, and it is presenting a safety concern due to aging fixtures. The new system increases lighting capacity while saving energy costs. This system, similar to the lighting recently installed in Rupp Arena, provides flexibility in lighting levels for the different activities scheduled in the facility. The system can be serviced from the floor level, which eliminates the need to maintain the system from the attic above the floor.

Consultant:

Contract # No consultant contract awarded

Original Contract Amount:

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount:

Contractor: WESCO Distribution Inc.

* WESCO Distribution's contract was awarded by RFP process.

Contract # X501178

Original Contract Amount: \$409,556

Total Change Orders to Date: 0

Cumulative Change Order Amount:

Low Bid:

Revised Contract Amount: \$409,556

High Bid:

Contract Percent Complete:

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

Replace Steam and Condensate Pipe

Project Number: 2145.1

Project Description:

Scope: \$1,194,159

This project consists of a new utility tunnel under Limestone Avenue adjacent to the Peterson Service Building. There will be new concrete vaults on each side of Limestone Avenue connected to the utility tunnel.

Consultant: ZBA

Contract # A031020F

Original Contract Amount: \$32,000

Total Amendments to Date:

Cumulative Amendment Amount:

Describe all amendments :

Revised Contract Amount: \$32,000

No amendments this quarter.

Contractor: Finney Company, Inc.

Contract # X501255

Original Contract Amount: \$1,037,300

Total Change Orders to Date: 0

Cumulative Change Order Amount:

Low Bid: \$1,037,300

Revised Contract Amount: \$1,037,300

High Bid: \$1,391,370

Contract Percent Complete: 85%

Number of Bids: 4

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

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

Student Housing Facilities

Project Number: 2153.0

Scope: \$44,170,000

Project Description:

The University is construction four (4) new residence halls located on two sites at the University of Kentucky, one on the south campus and one site on the north campus. On the south campus the site is east of the Kirwan Blanding complex, bounded by Sports Center drive and Complex Boulevard. Three (3), three-story residential halls on the south campus total 534 beds. The residential hall on the north campus site at the corner of Euclid Avenue and MLK Boulevard will be four-stories with 150 beds. The total gross square footage is expected to be approximately 220,000 SF, totaling 684 beds, comprised mostly of semi-suite units.

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: 32

Cumulative Change Order Amount: \$823,342

Low Bid:

Revised Contract Amount: \$34,598,342

High Bid:

Contract Percent Complete: 46%

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.

CAPITAL CONSTRUCTION QUARTERLY ACTIVITY

Student Housing - Kirwan/Blanding Commons Accessibility Upgrades

Project Number: 2153.2

Project Description:

Scope: \$555,000

This \$500,000 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 residence 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:

Contract # No Construction contracts 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:

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.

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:

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

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

Project Number: 2201.0

Project Description:

Scope: \$532,000

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

Consultant: Biagi, Chance, Cummins, London and Titzer

Contract # A041020K

Total Amendments to Date: 0

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$23,700
Cumulative Amendment Amount:	
Revised Contract Amount:	\$23,700

Contractor: Tri State Fire Protection

Contract # X405017

Total Change Orders to Date:

Low Bid: \$170,000

High Bid: \$204,800

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:	\$170,000
Cumulative Change Order Amount:	
Revised Contract Amount:	\$170,000
Contract Percent Complete:	35%

Upgrade Pharmacy Fume Hood I - Life Safety

Project Number: 2135.0

Project Description:

Scope: \$705,013

The scope of work will consist of replacing the primary fume hood exhaust fans and rebalancing the HVAC systems. In the first phase the 6 primary exhaust fans will be replaced to increase the airflow and static pressure. The new fans shall be sized to be reused in the future to accommodate a full laboratory ventilation upgrade. Once the new fans are installed the HVAC system will be rebalanced. The existing supply air handling units and lab air terminal units will be retained. The laboratories shall be balanced to be negative to the return plenum and negative to other parts of the building. Once the building is properly balanced the airflow dampers are to be manually locked into position creating a fixed air volume scenario and ensuring a negative pressure condition in the labs.

Consultant: Staggs & Fisher

Contract # A041120

Total Amendments to Date:

Describe all amendments :

No amendments this quarter.

Original Contract Amount:	\$60,000
Cumulative Amendment Amount:	
Revised Contract Amount:	\$60,000

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:	