

# FCR 16

Office of the President  
June 24, 2016

Members, Board of Trustees:

## CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending March 31, 2016 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 January 1, 2016 thru March 31, 2016:***

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

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|----------------|--|
| Project 2437.0 | Construct Baseball Facility – Design Phase<br>- Congleton Hacker Company, \$110,200 ( <i>Pre-Construction</i> )  |
| Project 2441.0 | Repair/Upgrade/Improve Building Shell Systems (2016 Parking Garage Maintenance and Restoration)<br>- THP Limited, \$56,330 ( <i>Design</i> )   |
| Project 2444.0 | Expand/Renovate/Upgrade Law Building<br>- Sherman Carter Barnhart, \$3,426,499 ( <i>Design</i> )   |
| Project 2445.0 | Repair/Upgrade/Improve Civil Site Infrastructure (Landscape Improvements)<br>- Bell Engineering, \$246,000 ( <i>Design</i> )   |
| Project 2448.0 | Renovate Lucille Little Library (Confucius Institute)<br>- EOP Architects, \$102,735 ( <i>Design</i> )   |
| Project 2449.0 | Repair/Upgrade/Improve Building Systems (Roach AHU S-1)<br>- CMTA Engineering Consultants, \$92,775 ( <i>Design</i> )  |
| Project 2452.0 | Renovate/Expand Clinical Services - William R. Willard Medical Education Building (College of Medicine Support Space)<br>- Stengel-Hill Architecture, \$65,500 ( <i>Design</i> ) *Note: <i>Phased project. This contract is for master planning and first phase design only.</i> |

***Two contracts were completed this quarter:***

- Project 2336.0 Construct UK/Nicholasville Road Flood Mitigation  
- Bluegrass Contracting Corporation, \$5,988,172
- Project 2436.0 Renovate Academic/Administrative Space 4 (Anderson Hall)  
- BCD Inc., \$574,858

***Five amendments were as follows:***

- Project 2363.0 Construct Academic Science Building  
- Provide additional design services related to building wayfinding, donor signage, and backfilling of vacated space. (+) \$102,000
- Project 2396.0 Renovate/Expand Student Center  
- Provide structural frame analysis, footing analysis, and compaction testing of existing soils in both Alumni Gym and the 1938 Student Center. (+) \$98,517
- Project 2397.0 Construct Football Training Facility and Practice Fields  
- Provide additional design and construction administration services required to develop an expanded Academic Center and an expanded and fully defined audio/visual program. (+) \$35,418
- Project 2402.3 Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Kentucky Children's Hospital NICU  
- Provide additional design and construction administration services to provide additional scopes of work in the morgue, clinical engineering, soiled dock, bed storage and transport, and pandemic. This work is necessary to enable the expansion of the NICU. (+) \$750,000
- Project 2402.7 Renovate/Upgrade UK HealthCare Facilities (Phase I-G) - Surgery Phase 1-3A  
- Provide additional design services as required to buildout additional post anesthesia care unit (PACU) spaces and ancillary functions to support the operating rooms included in the project. (+) \$428,000

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

- Project 2345.0 Renovate/Expand Gatton Building  
- Provide the proper opening sizes for ducts penetrating existing slabs. Includes removal and re-pouring. (+) \$27,605
- Project 2363.0 Construct Academic Science Building  
- Modify both the terracotta supplier and manufacturer, as well as the design details for the terracotta pier elements. The original materials specified were deemed unacceptable after incorporation into the project mock-up. (+) \$580,543  
- Provide a fully constructed fit-out of the server room in lieu of shelled space due to favorable bid results. (+) \$168,926  
- Provide a fully constructed fit-out of the Axolotl tank display in lieu of shelled space due to favorable bid results. (+) \$61,624

- Revise the partition walls to continue to the underdeck for added performance within the rooms. (+) \$48,748
  - Provide fit-out of the media wall and provide miscellaneous updates to the audio-visual in other locations. (+) \$129,612
  - Provide two additional emergency power panels and two additional temperature sensors. (+) \$36,038
  - Provide the required cooling system and miscellaneous electrical components for the new added audio-visual media wall. (+) \$157,469
  - Revise generator exhaust piping, the loading dock screen wall, and related site utilities allowing a backup generator for life safety systems at Haggin Hall to be added. This added generator will route through the same chase as the Academic Science generator. (+) \$165,720
- Project 2396.0 Renovate/Expand Student Center
- Install temporary traffic signal at the intersection of Avenue of Champions and Lexington Avenue giving pedestrians a safe crossing intersection. (+) \$83,708
  - Install bentonite waterproofing on the top and sides of the LFUCG storm tunnel to prevent water infiltration during excavation. (+) \$44,028
  - Provide additional grading necessary to facilitate construction of the under slab drainage system in the interior of the Alumni Gym. (+) \$47,426
  - Provide additional excavation to accommodate the loading dock turn-around. (+) \$59,293
- Project 2397.0 Construct Football Training and Practice Fields
- Provide the power and data infrastructure, drywall finish, and assemblies to support the finalized audio-visual and graphics design. (+) \$225,789
  - Provide power for owner provided shoe dryer equipment. (+) \$25,446
- Project 2402.1 Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Pavilion A 9<sup>th</sup> & 10<sup>th</sup> Floors and Elevators
- Install and wire ultra-violet lights in six air-handling units (AHU's). (+) \$26,726
- Project 2402.2 Renovate/Upgrade UK HealthCare Facilities (Phase I-F) - Pavilion A Kitchen/ Cafeteria
- Furnish and install steel platforms to allow for grease duct inspection. (+) \$77,667
- Project 2402.4 Renovate/Upgrade UK HealthCare Facilities (Phase I-F) – Pavilion A Chiller
- Modify the shoring plan associated with construction in the vicinity of the existing steam trench. (+) \$32,683
  - Relocate the new transformer and replace the air terminal on the volt transformer with a fused switch. (+) \$87,390

Project 2402.5

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

- Provide cable tray changes, demolition of drywall ceilings, and top-out walls and reinstall ceiling. These changes are necessary due to existing field conditions. (+) \$25,000

Project 2417.0

Renovate/Upgrade Academic Space (Patterson Hall)

- Replace the deteriorated dry sprinkler piping, heads, and risers in the attic. (+) \$39,005
- Reconstruct the floors in six rooms that were damaged when the existing ceramic tile was removed. (+) \$49,122
- Remove the newly discovered existing knob-and-tube wiring in the ceiling of room 118 and replace with new conduit and wiring. Also included is removing flooring and associated asbestos abatement from the room above. (+) \$30,309
- Fill the conduit trenches with dry-packed grout to prevent existing masonry walls from interior and exterior cracking. (+) 48,100
- Fully demolish and re-frame the flooring in room 221 at the opening of stair E. (+) \$28,892
- Provide multiple wall and ceiling repairs in sixteen rooms and stair F. (+) \$27,314

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Action taken:



Approved



Disapproved



Other \_\_\_\_\_