

FCR 12

Office of the President
June 22, 2018

Members, Board of Trustees:

CAPITAL CONSTRUCTION REPORT

Recommendation: that the capital construction report for the three months ending March 31, 2018 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, 2018 thru March 31, 2018:

There were seven new contracts this quarter:

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|----------------|---|
| Project 2446.1 | Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Chemistry-Physics)
- Wehr Constructors, Inc., \$1,444,536 (<i>Construction</i>) |
| Project 2446.2 | Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Enoch Grehan Journalism Building)
- Murphy Group Architects, \$1,606,000 (<i>Design</i>)
- Turner Construction Company, \$1,359,037 (<i>Construction</i>) |
| Project 2446.3 | Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Infrastructure)
- Wehr Constructors, Inc., \$299,423 (<i>Construction</i>) |
| Project 2452.1 | Renovate/Expand Clinical Services Capital Project - William W. Willard Medical Education Building (College of Medicine Library)
- Marrillia Design & Construction, \$1,194,000 (<i>Construction</i>) |
| Project 2458.0 | Upgrade/Renovate/Expand Research Labs - Grain Center of Excellence Capital Project
- A&K Construction, \$13,546,000 (<i>Construction</i>) |
| Project 2462.0 | Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)
- Allstate Heating & Cooling, \$1,473,247 (<i>Construction</i>) |

Four contracts were completed this quarter:

- Project 2345.0 Renovate/Expand Gatton Building
- Skanska USA Building Company, \$57,256,947
- Project 2363.0 Academic Science Building
- Messer Construction Company, \$91,709,387
- Project 2429.0 Emergency Replacement of Central Heating Plant Boilers Capital Project
- Hussung Mechanical Contractors, \$4,015,247
- Project 2433.0 Construct/Expand/Renovate Ambulatory Care Facility - UK HealthCare Capital Project (Warren Wright Medical Plaza - First Floor)
- Churchill McGee, LLC., \$1,896,229

Seven amendments were as follows:

- Project 2396.0 Renovate/Expand Student Center Capital Project
- Provide additional construction administration services. (+) \$77,631
- Project 2425.0 Construct Research Building Capital Project
- Provide additional design and construction administration services associated with infrastructure, plant facilities, and the vivarium cage-wash area. The amendment also provides for additional special inspections allowances associated with the spline and retaining wall construction, and related geotechnical analysis. (+) \$230,400
- Project 2452.1 Renovate/Expand Clinical Services Capital Project - William W. Willard Medical Education Building (College of Medicine Library)
- Provide additional design services associated with the expanded phase one scope to include 6,393 of space. Area was originally part of phase 2 and 3 on the lower level of the library. (+) \$54,800
- Project 2446.1 Facilities Renewal, Modernization and Deferred Maintenance (Phase-I) Capital Project (Chemistry-Physics)
- Provide additional design services as required to provide remaining phases of design, bidding, and construction administration. This amendment also provides for additional reimbursable services associated with plan review and special inspections. (+) \$1,676,074
- Project 2462.0 Renovate/Improve UK Good Samaritan Hospital Facilities Capital Project (Replace Air Handling Units)
- Provide additional mechanical and engineering design services associated with relocating an additional air-handling unit to the penthouse. (+) \$25,000
- Project 2468.0 Renovate/Improve UK HealthCare Facilities Capital Project (Simulation Center)
- Provide additional design and construction administration services as required to provide floor and structure reinforcement to the south mechanical room in Pavilion H Level 3. (+) \$27,650
- Project 2480.0 Construct/Expand/Renovate Ambulatory Care - UK HealthCare Capital

Project (Department of Medicine Clinics)

- Provide additional design services as required to modify exam rooms as requested by UK HealthCare. (+) \$41,000

Forty-two change orders greater than \$25,000 were as follows:

Project 2384.0 Replace Greek Housing Pool - (Alpha Gamma Rho Fraternity) Capital Project

- Provide credit for deletion of LEED certification requirement. (-) \$74,858

Project 2394.0 Design/Renovate/Upgrade Hospital Facilities – Good Samaritan Capital Project

Provide a credit for allowance reconciliation. (-) \$75,644

Project 2396.0 Renovate/Expand Student Center Capital Project

- Provide for modification of the communication pathways. (+) \$45,275
- Increase the dumpster allowance for the bid package #3 general trades contractor. (+) \$53,595
- Provide necessary steel modifications to the loading dock ramp to optimize clearance for the full range of truck types. (+) \$46,407
- Provide a temporary 1 hour fire rated partition. (+) \$78,785
- Provide a cold water line and sump pump for the commercial washer area in Area A. (+) \$31,167
- Provide for changes to the hardware for the digital kiosk. The ELO interactive touchscreen provides more desired long term functionality than the Viewsonic product line. (+) \$47,058
- Provide a credit for overhead and profit markup incorrectly charged on previous change orders. (-) \$29,232
- Provide for changes necessary to coordinate audio-visual equipment and installation between bid pack's 3 & 4. (+) \$27,524
- Provide for a model change for four ovens in the catering kitchen. (+) \$58,261
- Provide additional electrical and data outlets necessary for the point of sale system and to provide power for food service equipment. (+) \$25,385
- Wax the epoxy terrazzo floors in phase 2 and phase 3 areas. (+) \$37,213
- Provide additional lead abatement necessary in areas A and B. (+) \$40,250
- Upgrade the street lighting to match the upcoming future street improvements along Avenue of Champions/Euclid. (+) \$66,733
- Provide concrete pads at ADA bollards in specific locations. The bollards cannot attach directly to brick or smaller concrete pavers and need to be secured to concrete in these locations. (+) \$45,779
- Adjust framing, blocking, and openings in the Cinema per the audio-visual requirements. This is to achieve Dolby Digital certification and optimal sound and viewing. (+) \$42,335

- Add 3/4" fire-treated plywood strips for the fabric panels in the Cinema necessary for attachment. (+) \$108,373
- Project 2402.3 Renovate/Upgrade UK HealthCare Facilities (Phase 1-G) – Kentucky Children’s Hospital NICU
- Provide excavation and installation of a new precast grease trap, temporary removal of sanitary liquid and grease during installation of new grease trap, and to provide backfill, regrade, and install paving and concrete to finish the area to complete the soiled dock per the plans. (+) \$154,790
 - Fabricate and install 8 new solid surface window sills. (+) \$25,551
 - Provide necessary changes to bring stair F exit passage compliant with current fire codes. (+) \$33,629
 - Purchase the curved aluminum shoes that support the translucent acrylic backlit panes from 3 Form. Panels located at three main reception desks and the family lounge. (+) \$33,971
- Project 2402.7 Renovate/Upgrade UK HealthCare Facilities (Phase 1-G) – Pavilion A Surgery Phase 1-3A
- Provide necessary changes in water piping, sprinklers, and door frames facilitating the future fit-out of Surgery Phase 3. This work will allow for less disruption in adjacent occupied corridors and surgical spaces during phase 3 of construction. (+) 32,614
- Project 2425.0 Construct Research Building Capital Project
- Install the pathways for thirty four electrical and communication floor boxes for the fourth floor and to install pull strings for future work as required. (+) \$52,999
 - Complete detail of the Comp Wing Roof Edge. Includes modification of the upper roof edge on the north and south exterior perimeter walls of the computational wing. (+) \$34,660
 - Make mechanical piping and structural changes to support the future connection to chiller #6 in the Press Avenue plant. (+) \$43,671
 - Install three overhead coiling doors to the level 2 and level 3 linear equipment rooms. (+) \$26,111
 - Install five hundred feet of 5' wide concrete sidewalk and relocate fencing to create a perimeter. Also includes modification to ramp at College of Pharmacy building as well as installing and maintaining temporary lighting. (+) \$34,154
 - Construct the Virginia Avenue ramp, wall, and stairs to BBSRB plaza. This work was inadvertently not assigned to a specific trade during the bidding process.(+) \$138,342
 - Install a dry-pipe protection system for rooms B-042 and B-003 of the BBSRB. (+) \$30,962
 - Apply a 2 hour fire rated barrier for the exposed surface of the tube steel elevator guide rail supports. (+) \$39,217
 - Provide modifications to the first floor HVAC equipment serving the lobby, café, and future conference room. (+) \$47,384

- Revise the reflective ceiling plans in various locations in the procedure rooms, first floor lobby, dry labs, and wet labs. (+) \$33,189
- Add the work associated with the floor drain trap primer installation and associated piping as it was inadvertently not assigned to a specific trade during the bidding process. (+) \$54,528
- Demolish and replace the north College of Pharmacy entry stairs, wall, and canopy base. Stair lighting and storm line are included. (+) \$36,774
- Install wireless access points to serve the exterior courtyard enhancing the use of the green roof area. (+) 46,020
- Install additional galvanized steel ladders and platforms in manholes 4 and 5 to accommodate the safe operation of all valves and equipment within. (+) \$59,026

Project 2444.0

Expand/Renovate/Upgrade Law Building Capital Project

- Provide a credit for post bid value engineering. (-) \$62,130

Project 2454.0

Renovate/Improve Clinical/Ambulatory Services Capital Project (Otolaryngology)

- Provide for correction of found conditions. Provide leveling of floors found to have concrete humping. In addition this change order provides an access door in the ceiling to access the existing fire alarm junction box across from elevator 3. (+) \$51,644

Project 2468.0

Renovate/Improve UK HealthCare Facilities Capital Project (Simulation Center)

- Provide reinforcement for existing floor beams to meet the required allowable live load capacity. (+) \$91,987

Project 2469.0

Renovate/Improve Athletics Facility Capital Project (Joe Craft Center Locker Room)

- Provide additional casework in team lounge. Also provides required electrical connections for owner furnished ribbon boards. (+) \$36,063

Action taken: Approved Disapproved Other _____