INVITATION FOR BIDS
CCK-2306-18
Construct/Expand/Renovate Ambulatory Care – Medicine Clinic
Project 2480.0
ADDENDUM #2
4/24/2018

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 05-01-2018 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

1. Please refer to and incorporate within the Offer the attached Written Questions Answered.
2. Refer to the attached Special Conditions and incorporate into the Offer.
3. Also, refer to the Addendum 2 Drawings Sheets, 201508.01 pages 1 thru 11.
4. In addition, refer to and include within the offer the Addendum No. 2.00, rom JRA Architects, dated 4/23/2018 pages 1 thru 15.
5. Finally, refer to the revised Medical Center Project Manual for GC

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Mike Mudd
(859) 257-5409

SIGNATURE

Typed or Printed Name
<table>
<thead>
<tr>
<th>No.</th>
<th>Question</th>
<th>Responder</th>
<th>Comment</th>
</tr>
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<td>1</td>
<td>What is the seismic design category of this project?</td>
<td>JRA</td>
<td>C</td>
</tr>
<tr>
<td>2</td>
<td>General Notes-Partitions on G-101 mentions lead-lined drywall. Is there lead-lined drywall on this project and, if so, where is it located?</td>
<td>JRA</td>
<td>Delete note G on the “General Notes – Partitions” note schedule. There is no new lead lined gypsum board. There are existing suite separation walls at the adjacent Urology Clinic with lead lining that shall not be disturbed. Refer also to Extra Drawing AD-2-A1 for additional information.</td>
</tr>
<tr>
<td>3</td>
<td>Product approval request - Please consider including Advanced Cabinet Systems (ACS) in your project.</td>
<td>JRA</td>
<td>There is no manufactured casework on this project, therefore a substitution is not applicable.</td>
</tr>
<tr>
<td>4</td>
<td>Elevation A/A-203, calls to patch laminate panels &amp; reveals. There are no laminate panels, please clarify what we need to patch at this location?</td>
<td>JRA</td>
<td>Existing plastic laminate panels at this location will be exposed and will need to be replaced to meet the new conditions after the bulkhead, sign, and lay-in ceiling are removed. Patch/replace the plastic laminate panels and reveal trim as indicated on the drawings.</td>
</tr>
<tr>
<td>5</td>
<td>Detail J/A-561, note 064023.W1, calls for 3mm pvc edging at top &amp; bottom of panels at reveal, these panels are on a radius &amp; 3mm pvc can’t be bent on a radius, please clarify if laminate edging will be accepted since the 3mm pvc won’t work?</td>
<td>JRA</td>
<td>Matching laminate edging is acceptable.</td>
</tr>
<tr>
<td></td>
<td>Details A &amp; B/A-562, show the copier shields, just want to clarify that we are to fabricate these walls since they will be covered with laminate?</td>
<td>JRA</td>
<td>Copier shields are contractor furnished and installed.</td>
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</tr>
<tr>
<td>6</td>
<td>Please make sure all casework companies are AWI certified per specs?</td>
<td>JRA</td>
<td>Refer to Specification Section 064023 &quot;Interior Architectural Woodwork.&quot; Replace paragraph 1.5.C with the following: C. Woodwork Quality Standard Compliance Certificates: Provide fabricator’s current AWI Quality Certification Program Q-accreditation certificate showing fabricator’s qualifications for types of work indicated. Delete paragraph 1.6.D.1. AWI labels and certificates for built products are not required.</td>
</tr>
<tr>
<td>7</td>
<td>Detail H/A-511, shows maple surround at door actuator, I didn’t see any columns calling for this, please clarify?</td>
<td>JRA</td>
<td>Delete detail H/A-511. This detail does not apply to this project.</td>
</tr>
<tr>
<td>8</td>
<td>Elevation B/A-203, show frames at windows C &amp; D, is the frames &amp; stop both meant to be wood, please clarify? Or are we just providing the window stop?</td>
<td>JRA</td>
<td>Frames and stops are wood. Refer also to Q/A-511 and the Window Types on A-601.</td>
</tr>
<tr>
<td>9</td>
<td>Corian Sahara doesn’t come in ¼” thickness, will ½” be accepted for all wall panels &amp; wall splashes? Elevation B/A-561 calls for both ¼” &amp; ½”?</td>
<td>JRA</td>
<td>½” thickness is acceptable.</td>
</tr>
<tr>
<td>10</td>
<td>In reviewing the specs for the UK Ambulatory Care casework and solid surface I noticed a requirement for AWI (Architectural Woodwork Institute) certificates. We feel this requirement limits the number of bidders, and increases the cost for projects. While we certainly understand the need for quality for this project, we feel requiring the certificates is not necessary. Having a requirement to “build to AWI quality” should be sufficient to make sure you get high quality cabinets and casework for this project. Is it possible to remove the requirement for AWI certificates?</td>
<td>JRA</td>
<td>Refer to Specification Section 064023 “Interior Architectural Woodwork.” Replace paragraph 1.5.C with the following: C. Woodwork Quality Standard Compliance Certificates: Provide fabricator’s current AWI Quality Certification Program Q-accreditation certificate showing fabricator’s qualifications for types of work indicated. Delete paragraph 1.6.D.1. AWI labels and certificates for built products are not required.</td>
</tr>
<tr>
<td>11</td>
<td>Has an asbestos survey been completed? If so, was any asbestos found?</td>
<td>JRA</td>
<td>All known hazardous material will be removed by the Owner prior to the beginning of the Work.</td>
</tr>
<tr>
<td>No.</td>
<td>Question</td>
<td>Response</td>
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<tr>
<td>13</td>
<td>Can a portion of the 3rd floor corridor be closed to complete the chilled water work? If not, please elaborate on what the intention is for using “white removable non-combustible panels”.</td>
<td>No. Please proceed with this work as indicated on the Drawings. “White removable non-combustible panels” could be white painted fire treated lumber, or another Class A rated interior finish material. The intent is to keep the corridor looking clean and avoid temporary heat detection due to the above ceiling work.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Can the garage be used for material delivers and disposal after hours?</td>
<td>Refer to the Second Floor Logistics Plan. In lieu of what is indicated, the parking garage may be used for material delivery and disposal, as long as this work occurs between the hours of 7:30 p.m. and 5:30 a.m. A chute or other means of directing waste items to the dumpster must be employed to protect pedestrians below. Access to the dock must also be maintained at all times.</td>
<td></td>
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<tr>
<td>15</td>
<td>Please provide location where the information console should be relocated.</td>
<td>The information console shall be relocated to the Corridor G205 wall near column line intersection L/6. Refer also to the attached Extra Drawing AD-2-A1</td>
<td></td>
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</table>
These instructions apply to the Word document (.doc) only.

PLEASE READ THIS PAGE BEFORE PROCEEDING

It must be edited to conform to the project for which it will be used!

Specific items to be edited are in **bold red** and shall be edited to conform with the project at hand. Articles not used should have **(NOT USED)** inserted after the article heading and the remaining text after the heading should be deleted.

Some areas will require information to be supplied / coordinated with the Owner’s Project Manager in order to complete.

AFTER ALL EDITING IS COMPLETE DELETE THIS PAGE, THEN UPDATE THE TABLE OF CONTENTS PAGE REFERENCES PER THE FOLLOWING INSTRUCTIONS

NOTE: The following ‘Table of Contents’ is ‘Marked Table of Contents’ via Microsoft Office. After all editing of the document is complete (INCLUDING DELETION OF THIS PAGE), click anywhere within the Table of Contents, then right click, and select ‘Update Field’ option, then click on “Update page reference only”. The page references will automatically update to their correct current page locations within the edited document.

The ‘Marked Table of Contents’ as seen here (TC “ARTICLE 1 GENERAL INFORMATION” | C1 | “1”) but without the special characters before and after also acts like a hyperlink and **DOES NOT PRINT** when the document is printed. Do not delete this information from immediately behind the article heading as it will invalidate that link in the ‘Table of Contents’.

By clicking on the Table of Contents, then holding down the ‘Control’ key you can then select any of the articles and go straight to that article.
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### FOR CONSTRUCTION BY A GENERAL CONTRACTOR

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ARTICLE 56 TREE PROTECTION STANDARDS
ARTICLE 01 GENERAL INFORMATION

1.1 These Special Conditions are intended to modify, supplement, or delete from, applicable Articles of the General Conditions.

1.2 Where any Article of the General Conditions is supplemented by these Special Conditions, the Article shall remain in effect and the supplement shall be added thereto.

1.3 Where Special Conditions conflict with General Conditions, provisions of the Special Conditions take precedence.

ARTICLE 02 FIELD CONDITIONS

2.1 General Contractor will secure all data at the site of the building such as grades of lot, convenience of receiving and sorting material, location of public services, and other information which will have a bearing on the execution of the Work and shall address these issues in the preparation of their bid. No allowance shall be made for failure of the General Contractor to obtain such site information prior to submitting their proposal, and no adjustment to the General Contractor’s Contract amount or stipulated time for completion shall be allowed when due to failure by the General Contractor to do so.

ARTICLE 03 (NOT USED)

ARTICLE 04 CONSULTANT

4.1 Wherever in these Contract Documents reference is made to the Consultant, it shall be understood to mean _____________________________________________ (JRA Architects) or their duly authorized representatives. (See Article 2 of the General Conditions.)

ARTICLE 05 GEOTECHNICAL REPORT – Not Applicable

NOTE: CONSULTANT TO USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER.

5.1 The Sub-Surface Geotechnical Report was prepared by _____________________________________________ (INSERT FIRM NAME). The report is [available at their offices] [included within these documents] [available in UK E-Communication®] for information purposes only and is not a part of the Contract Documents. The Boring Logs, if any, are included for the General Contractor’s information but do not represent a warranty of subsurface conditions. Neither the Owner nor the Consultant will be responsible for interpretations or conclusions drawn from this report by the General Contractor. This data is made available solely for the convenience of the General Contractor.

Alt.

5.1 No subsurface or geotechnical survey information is available at this time.

ARTICLE 06 TIME FOR COMPLETION

NOTE: CONSULTANT TO USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER.

6.1 The time for Substantial Completion as further defined in Article 1 of the General Conditions shall be _____ consecutive calendar days from the date of commencement as specified in the Work Order letter, and Final Completion shall be thirty (30) days thereafter.

Alt.
010000S01- Special Conditions - General Contractor

6.1 The time for Substantial Completion (as further defined in Article 1 of the General Conditions) for each phase of Work shall be as stipulated below and as specified in the Work Order letter, and Final Completion for each phase shall be thirty (30) days thereafter.

Work Order Issue date: Approximate date of May 8, 2018
Submittals: 62 calendar days.

Phase I: Work on site may begin on July 9, 2018. Stipulate the area involved: North section of renovate suite, as indicated on the Phasing Plans. New Construction vs. Renovation. Starting date (issuance of Work order or date when construction can start): 272 calendar days allowed or actual date of desired Substantial Completion. Owner Move: 21 calendar days shall be allocated between phases for the Owner’s moving process.

Phase II: Stipulate South section of renovate suite, as indicated on the Phasing Plans. Renovation. 147 calendar days allowed to Substantial Completion. the area involved. New Construction vs. Renovation. Starting date (issuance of Work order or date when construction can start): Number of calendar days allowed or actual date of desired Substantial Completion.

ARTICLE 07 LIQUIDATED DAMAGES

CONSULTANT TO COORDINATE WITH OWNER’S PROJECT MANAGER TO ESTABLISH LIQUIDATED DAMAGES.

7.1 Should the General Contractor fail to achieve Substantial Completion of the Work in Phase I under this Contract or before the date stipulated for Substantial Completion (or such later date as may result from extensions in the Contract Time granted by the Owner), he agrees that the Owner is entitled to, and shall pay the Owner as liquidated damages the sum of $1,050.00 for each consecutive calendar day that Substantial Completion has not been met. See Article 3 of the Agreement.

Should the General Contractor fail to achieve Substantial Completion of the Work in Phase II under this Contract or before the date stipulated for Substantial Completion (or such later date as may result from extensions in the Contract Time granted by the Owner), he agrees that the Owner is entitled to, and shall pay the Owner as liquidated damages the sum of $383.00 for each consecutive calendar day that Substantial Completion has not been met. See Article 3 of the Agreement.

7.2 Should the General Contractor fail to achieve Final Completion of the Work under this Contract or before the date stipulated for Final Completion for either phase (or such later date as may result from extensions in the Contract Time granted by the Owner), he agrees that the Owner is entitled to, and shall pay the Owner as liquidated damages the sum of $108,000.00 (INSERT WRITTEN AMOUNT Generally this should be less that the amount specified for Substantial Completion in 7.1 above unless specific justification exists in the project documents) for each consecutive calendar day until Final Completion is reached. See Article 3 of the Agreement.

ARTICLE 08 SUBMITTALS AND SHOP DRAWINGS

8.1 SUBMISSIONS - GENERAL

8.1.1 The General Contractor shall submit each set of Shop Drawings, product data, samples, and test and/or certification reports as a separate item in UK E-Communication®. Projects not utilizing UK E-Communication® must submit all items electronically to the Consultant and the UK Project Manager and Administrative Coordinator.
8.1.2 All sample selections for color shall be submitted for approval at the same time. Color selections shall not be submitted individually.

8.1.3 Any deviation from the Contract Documents shall be noted on the transmittal form comment section.

8.1.4 All submittals are to be reviewed by the General Contractor for compliance with the Contract Documents before submission for approval. All submittals are to be initiated by the General Contractor. Submittals made directly to the Consultant by sub-contractors, manufacturers or suppliers will not be accepted or reviewed.

8.1.5 Re-submittals shall conspicuously note all changes from earlier submissions. Special notation by the General Contractor shall be made to any changes other than those in response to the Consultant's review.

8.1.6 Manufacturers shall, when requested by the Consultant, submit test reports prepared by reputable firms or laboratories certifying as to performance, operation, construction, wearability, etc., to support claims made by the manufacturer of the equipment or materials proposed for inclusion in the Work. General Contractor shall also submit a list of three (3) installations where said equipment or materials have been in service for a minimum of five (5) years.

8.2 SUBMISSIONS - REVIEW

8.2.1 Review of submittals is only for compliance with the design concept and the contract documents. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR CHECKING DEVIATIONS FROM CONTRACT DOCUMENT REQUIREMENTS OR CHANGES FROM EARLIER SUBMISSIONS NOT SPECIFICALLY NOTED.

8.2.2 The following shall be verified prior to making submittals:

Field Measurements, Field Construction Criteria, Catalog numbers and similar data, Quantities and Capacities, and Compliance with requirements, including verification of all dimensions,

8.2.3 Review Stamp designations shall be as follows:

8.2.3.1 “NET = No Exceptions Taken”: Proceed with the Work, no corrections needed.

8.2.3.2 “FC = Furnish as Corrected”: Proceed with the Work, noting the corrections/conditions of the approval.

8.2.3.3 “RR = Revise and Resubmit”: Do not proceed with the Work, as the submittal does not comply with the Contract Documents. Revisions to the submittal are required for approval. On projects utilizing UK E-Communication, “Send Back a Step” is used in lieu of “Revise and Resubmit”

8.2.3.4 “R = Rejected”: Do not proceed with the Work, the submittal is rejected.

8.3 SUBMISSIONS - SPECIAL PROVISIONS

8.3.1 In making a submittal, the General Contractor shall be deemed to be making the following representations:

8.3.1.1 The General Contractor understands and agrees that he shall bear full responsibility for the products furnished. The General Contractor expressly warrants that products described in the attached submittal will be usable and that they conform to the Contract requirements unless specifically noted otherwise.
8.3.1.2 The General Contractor understands and agrees that, without assuming design responsibility, he expressly warrants that products described in the attached submittal are capable of being used in accordance with the intent of the design documents and that they conform to the Contract requirements unless specifically noted otherwise.

8.3.1.3 The General Contractor acknowledges that the Owner will rely on the skill, judgment, and integrity of the General Contractor as to conformance requirements and subsequent usability.

8.4 SHOP DRAWING AND PROCUREMENT SUBMITTAL LOG

8.4.1 The General Contractor, within ten (10) days after the Pre-Construction meeting, shall begin uploading submittals using UK E-Communication®, to generate a log fixing the dates for submission of Shop Drawings, special order material items, certifications, guarantees, and any other items required to be submitted to the Consultant for review, approval or acceptance. Projects not utilizing UK E-Communication® will submit a Shop Drawing Log provided by the Owner during the Pre-Construction Meeting.

8.4.2 The log shall track all submittals to date. The updated log shall then be reviewed and discussed at each progress meeting to determine items that may impact the construction schedule.

8.5 Shop Drawings

8.5.1 The General Contractor shall review, approve, and submit Shop Drawings to the Consultant, in accordance with the Consultant's Shop Drawing & Procurement Submittal Log or UK E-Communication®, as herein detailed. By approving and submitting Shop Drawings, the General Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, or will do so, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

8.5.2 The General Contractor shall submit Shop Drawings required for the Work and the Consultant will review and take appropriate action. The review and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The approval of a separate item will not indicate approval of the assembly in which the item functions.

8.5.3 The General Contractor shall make any corrections required by the Consultant for compliance to the Contract and shall return the required number of corrected copies of Shop Drawings and resubmit new samples until approved. The General Contractor shall direct specific attention, in writing, or on resubmitted Shop Drawings, to revisions other than the corrections called for by the Consultant on previous submissions. The General Contractor's stamp of approval on any shop drawing or sample shall constitute a representation to Owner and Design Consultant that the General Contractor has either determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data, or he assumes full responsibility for doing so, and that he has reviewed or coordinated each shop drawing or sample with the requirements of the Work and the Contract Documents.

8.5.4 Where a shop drawing or sample submission is required by the specifications, no related Work shall be commenced until the submission has been approved by the Design Consultant. A copy of each approved shop drawing and each approved sample shall be kept in good order by the General Contractor at the site and shall be available to the Consultant.

8.5.5 The Consultant's approval of Shop Drawings or samples shall not relieve the General Contractor from his responsibility for any deviations from the requirements of the Contract Documents unless the General Contractor has in writing called the Consultant's attention to such deviation at the time of submission and the Consultant has given written approval to the specific deviation. Any approval by the Consultant shall not relieve the General Contractor from responsibility for errors or omissions in the Shop Drawings.
8.5.6 All submittals are to be submitted electronically by the contractor. Shop Drawings submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed. Workflow in UK E-Communication® will be established during the workflow meeting. Each individual Shop Drawing shall have its respective specification number and description highlighted.

8.5.7 Where Shop Drawings include fire alarm, communication systems schematics, sprinkler systems, etc., a sepia of each drawing shall be submitted to the Consultant as part of the "Record" set of drawings.

8.6 SUBMISSIONS - SAMPLES

8.6.1 Office samples shall be of sufficient size and quantity to clearly illustrate functional characteristics of the product with integrally related parts and attachment devices, and full range of color, texture, and pattern.

8.6.2 Products shall not be used until the sample has been submitted to and approved by the Consultant.

8.6.3 A minimum of two (2) samples are required to be submitted to the Consultant for review and approval and will be distributed as follows:

   a) One (1) to be retained by the University;
   b) One (1) to be returned to the Design Consultant;
   c) An additional sample or samples may be submitted, at the General Contractor's option, for distribution to a third party.

8.6.4 Field samples (block, brick, etc.) of materials to be constructed at the site shall be submitted for review as required by the individual section of the Contract Documents.

8.7 SUBMISSIONS - OPERATION AND MAINTENANCE MANUALS

8.7.1 The University requires a minimum of one (1) bound copies and one (1) digital copy of the final installation, training, operation, maintenance, and repair manuals to be turned over to the Owner's Project Manager and approved for content by the Consultant by or before the time construction is 75% complete. Projects utilizing e-Communication will create digital copy from the Document Library (Closeouts) in e-Communication. The Closeout Log must contain individual line items for each physical copy submitted with corresponding PDF attachments. Operation and maintenance manuals and materials, where specified, for mechanical and electrical equipment and for operating items other than mechanical and electrical equipment must be submitted in PDF format with a separate PDF file for each item. In the event the General Contractor fails to provide these required electronic submittals prior to reaching seventy-five (75%) completion, it is agreed that the Owner at its sole discretion may deduct from the current and subsequent Applications for Payment an amount deemed by the Owner to be sufficient to encourage prompt compliance with this contractual requirement, until such time as acceptable O&M manuals are received.

8.7.2 Manuals provided must be of sufficient detail to enable the Owner or others to install, calibrate, train, operate, maintain, service and repair every system, subsystem, and/or piece of equipment installed on or as part of this Contract. Closeout Documents submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed. Each manual must contain:

   a) Project Title, Project number, Location, dates of submittals, names, addresses and phone number for the Consultant, General Contractor, and General Contractor's Sub-contractors;
   b) An Equipment Index that includes vendor's names, addresses, and telephone numbers for all equipment purchased on the Project;
8.7.2.3 Emergency instructions with phone numbers and names of contact persons on warranty items shall be uploaded to UK E-Communication®;

8.7.2.4 Copies of each system's air balancing record and each system's hydronic balancing record (1) physical copy and (1) digital copy in eCommunication;

8.7.2.5 Copy of valve tag list;

8.7.2.6 Copy of As-Built temperature control system drawings and components and sequence of operation;

8.7.2.7 Original copies of the following provided by the manufacturer:

- Installation manuals
- Instruction Manuals
- Training manuals
- Calibration manuals
- Service Manual
- Operation manuals
- Parts list
- Repair manuals
- Reviewed Shop Drawings
- Wire list
- Keying Bit List

8.7.2.8 Any Computer, Micro controller, and/or Microprocessor equipped equipment installed shall be provided with source code copies of all software and firmware (prom, EPROM, ROM, other) supplied on this Contract; and

8.7.2.9 Copies of all inspection and guarantee certificates, manufacturers' warranties with the University of Kentucky listed as the Owner for all equipment provided and/or installed.

8.7.2.10 All manuals shall be as follows: Bound in hard cover three (3) ring (D-type) binder, 1", 1.5" or 2" maximum, indexed and in CSI format, tabbed (4, 5, 8 or 16th cut), no more than 80% binder fill, white vinyl, presentation type with clear vinyl view cover on front, back and spine and with pockets on front and back. Maximum drawing size in binder shall be folded 11"x17" and shall be hole punched and reinforcements added. Do not put drawings in pockets. Top of all drawings shall be at top or spine side of the manual. Complete drawings must be viewed without opening rings. Provide binders as manufactured by Universal Office Products, Des Plaines, IL. 1" (S# B2-20742), 1.5" (B2-20744), or 2" (B2-20746) or equal.

8.7.2.11 If the binder includes manuals from any single vendor covering several different model numbers, the model used on the Project must be highlighted.

8.7.2.12 Included in the front of the "Operation and Maintenance Manual" shall be a copy of the Interior and Exterior Finish plan and Schedule listing all finish materials, the manufacturer, the finish color, and the manufacturer's paint number.

8.7.2.13 Photograph album containing photos and negatives or digital images (.pdf format) showing buried utilities and concealed items shall be included.

8.8 SUBMISSIONS – AS - BUILT SET OF DRAWINGS

8.8.1 The General Contractor shall submit one (1) electronic copy of As - Built set of drawings in .pdf format indicating all deviations of construction as originally specified in the Contract Documents. These As-Built Drawings will compile information from the General Contractor as well as all Sub-contractors. The General Contractor shall provide a qualified representative to update the As - Built set of drawings as necessary.
construction progresses. As-Builts submitted through UK E-Communication® shall be scanned and submitted in color. Mark-ups must be made using visible color when printed.

8.8.2 The General Contractor shall provide and utilize a camera to photograph the installation of buried utilities and concealed items. The General Contractor shall provide standard 3 1/2” x 5” photographs with negatives, or digital images (.jpeg format), which shall be submitted as part of the Operation and Maintenance Manuals submission. These photos should be mounted in a bound album with labeling as to subject of photo, date, and Project. Such album is to be kept at job site with the As-Built set of drawings until submittal of same.

8.8.3 Approval of the Final Payment request will be contingent upon compliance with these provisions. The General Contractor's As-Built set of drawings shall be delivered to the Consultant at their completion so that the Consultant may make any changes on the original contract drawings.

8.9 SUBMISSIONS - SAP EQUIPMENT LIST

8.9.1 Complete equipment list for use with SAP software in electronic spreadsheet format. Data is to be provided in Uniform format with the information being provided for individual locations as noted in Attachment A – Uniform Format Component List. Information is to be provided as follows (PDMC or CFPD will provide blank Excel spreadsheets in electronic form for use in compiling the information, if desired).

8.9.2 All materials that require preventative maintenance (PM) are listed as in Attachment A. The equipment list is to be provided in Excel spreadsheet format and is to include the information listed in Attachment B.

8.9.3 Required maintenance procedure listing each work task in Excel spreadsheet format as shown in Attachment C.

8.9.4 Required frequency of maintenance for the work tasks outlined in 8.9.3 above and included in the Attachment C spreadsheet.

8.9.5 Listing of maintenance parts and items: i.e. filters, lubricants, etc. for each work task listed in 8.9.3 above.

8.10 SUBMISSIONS – MAINTENANCE MATERIALS

8.10.1 If specified, Maintenance/Replacement Materials, Spare Parts, and special maintenance tools for proper maintenance shall be provided by the General Contractor.

ARTICLE 09 PLANS, DRAWINGS, AND SPECIFICATIONS

NOTE: CONSULTANT TO USE ONLY ONE VERSION OF PARAGRAPH 9.1 BELOW AND DELETE THE OTHER AFTER DISCUSSIONS WITH THE OWNER'S PROJECT MANAGER.

9.1 The successful General Contractor will receive 2 (INSERT NO.) sets of plans and specifications. General Contractor will be required to pay for cost of duplication for all sets required over and above this amount. Payments for Plans, Specifications and Official Contract Documents must be made to Lynn Imaging, Lexington, Kentucky (http://www.ukplanroom.com/ or phone Lynn Imaging @ 1.800.888.0693 or 859.255.1021) before a set of documents will be issued.

(ALT) The successful General Contractor can purchase any number of sets of plans and specifications from Lynn Imaging, Lexington, Kentucky (http://www.ukplanroom.com/ or phone Lynn Imaging @ 1.800.888.0693 or 859.255.1021). The General Contractor will be required to pay Lynn Imaging for the cost of duplication for all sets required.
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9.2 The University will provide (minimum of two) sets of the ‘Official Contract Documents’ book to the successful General Contractor. One (1) set is to be for his office and the other set is for the jobsite.

9.3 All drawings, specifications and copies thereof, prepared by the Consultant, are the property of the University of Kentucky. They are not to be used on other Work.

ARTICLE 10 PROGRESS MEETINGS

10.1 In addition to specific coordination and pre-installation meetings for each element of Work, and other regular Project meetings held for other purposes, progress meetings will be held as outlined at the Preconstruction Meeting. Each entity then involved in planning, coordination or performance of Work shall be properly represented at each progress meeting. The following areas will be covered at each progress meeting: current status of work in place, General Contractor’s review of upcoming work (1 month look ahead), schedule status, upcoming outages, new outage requests, shop drawings due from contractors, shop drawings being reviewed, outstanding RFI’s, outstanding proposed change orders, change orders, new business, As-Built updated, close-out documents status, defective work in place issues, review “pencil copy” of payment application, safety issues and new business or other issues not covered above. With regard to schedule status, discuss whether each element of current work is ahead of schedule, on time, or behind schedule in relation with updated progress schedule; determine how behind-schedule Work will be expedited, and secure commitments from entities involved in doing so; discuss whether schedule revisions are required to ensure that current Work and subsequent Work will be completed within Contract Time; and review everything of significance which could affect the progress of the Work.

10.2 General Contractor shall prepare and submit at each progress meeting an updated schedule indicating Work completed to date and any needed revisions.

10.3 With the express purpose of expediting construction and providing the opportunity for cooperation of affected parties, progress meetings will be held and attended by representatives of:

   (1) The Owner's Project Manager
   (2) The Consultant.
   (3) General Contractor.
   (4) Sub-contractors.
   (5) Others requested to attend (as deemed necessary by CPMD).
   (6) Physical Plant Division Representative

10.4 A location near the site will be designated where such progress meetings will be held. Participants will be notified of the dates and times of the meetings by the Consultant.

ARTICLE 11 CONSTRUCTION SCHEDULE – BAR CHART

11.1 The General Contractor shall prepare construction schedules as a bar chart, with separate divisions for each major portion of the work, and in sufficient detail to identify the plan and sequence of construction to be followed in meeting the requirements of the Contract. Schedules shall include divisions for Work to be accomplished remote from the central construction site, e.g. utilities from outside the construction site to the site for chilled water, steam, electrical, communications, and/or fire service. Such Work shall be scheduled so that disruption resulting from construction will be minimized. Start dates and completion dates for such Work must be maintained and completed in the shortest reasonable time. The sequence of listings shall follow the Table of Contents of the Specifications. Maximum sheet size shall be 30" x 42". The schedule shall show the complete sequence of construction, by activity, with dates for beginning and completion of each element of the Work.

11.1.1 For projects requiring a bar chart schedule instead of a Critical Path Method (CPM) schedule, the following Articles of the General Conditions are amended as follows.
11.1.2—Article 21.4.2 of the General Conditions to the Contract is amended to read as follows:

21.4.2—Requests for an extension of time due to unusually bad weather shall be considered for approval only if it is shown that a) the unusual weather event delayed work on a specific weather sensitive activity or activities that had been planned to be underway on the date(s) on which the weather event occurred, as shown in the most recent update to the Project schedule that had been submitted to the Owner prior to the date of the event and b) that the delay to that activity or activities is shown to be the proximate cause of a corresponding delay to the contractually required completion dates for the Project that were shown in the most recent update to the Project schedule. The actual dates on which the delay(s) occurred must be stated and the specific activities that were directly impacted must be identified. In the event of concurrent delays, only those activities actually impacting the Project contractually required completion dates will be considered in evaluating the merit of a delay request and in adjusting the schedule. Time extensions will not be considered for concurrent delays not caused by the Owner. Requests for an extension of time which are not supported by this information shall not be considered for approval by the Owner.

11.1.3—Article 21.4.3 of the General Conditions to the Contract is amended to read as follows:

21.4.3—In anticipation of the possibility of delay due to unusual bad weather, the General Contractor shall identify those activities in the schedules, and those activities subsequently added to updated schedules, that might reasonably be expected to be delayed by bad weather.

11.1.4—Article 21.7 of the General Conditions to the Contract is amended to read as follows:

21.7—The Contract Time will only be adjusted for causes specified above. Extensions of time will only be approved if the General Contractor can provide justification supported by the Project schedule or other acceptable data that such changes extend the contractually required date of Substantial Completion, and that the General Contractor has expended all reasonable effort to minimize the impact of such changes on the construction schedule. No additional extension of time will be granted subsequently for claims having the basis in previously approved extensions of time.

11.1.5—Article 21.8 of the General Conditions to the Contract is amended to read as follows:

21.8—In support of requests for an extension of time not caused by unusual inclement weather, and concurrently with the submission of any such request, the General Contractor shall submit to the Consultant and the Owner a written impact analysis showing the influence of each such event on contractually required completion dates as shown in the updated Project schedule most recently submitted to the Owner prior to the event. The analysis shall include the sequence of new or revised activities and/or durations that are proposed to be added to the existing schedule including related logic. This impact analysis shall include the new activities and/or activity revisions proposed to be added to the existing schedule and shall demonstrate the claimed impact on the contractually required completion dates. The General Contractor will not be granted an extension of time and/or relief from liquidated damages when the delay to completion of the work is attributable to, within the control of, or due to the fault, negligence, acts, or omissions of the General Contractor and/or the General Contractor’s contractors, subcontractors, suppliers, or their respective employees and agents. Time extensions will not be considered for concurrent delays not caused by the Owner. In the event of concurrent delays, only that event actually impacting contractually required completion dates will be considered in adjusting the schedule and evaluating the merit of a delay claim. Requests for an extension of time which are not supported by this information shall not be considered for approval.

11.1.6—Article 32.1 of the General Conditions to the Contract is amended to read as follows:

32.1—The General Contractor shall prepare and submit to the Owner and the Consultant a bar-chart type construction schedule for the Work. The schedules shall include all activities necessary for performance of the work showing the duration and the planned start and finish
dates for each activity. The schedules shall include, but not be limited to, submittal processing, fabrication and delivery of materials, construction, testing, clean-up, work and/or materials to be provided by the Owner, dates and durations for major utility outages requiring coordination with the Owner and the Owner’s operations, and significant milestones related to the completion of the Project.

11.2 The schedule shall be submitted to the Consultant and to the Owner for review within thirty (30) calendar days after the date established for the start of Work on the Project as stated in the official Work Order and Notice to Proceed. Review will be only for general conformance to the requirements of the contract. Review comments and/or acceptance of the Contractor’s schedule shall not relieve the Contractor of any obligation for compliance with all requirements of the Contract Documents. Such review and comments shall not constitute interference with the Contractor’s means and methods of construction, which shall remain solely the responsibility of the Contractor.

11.3 Schedules shall be revised no less frequently than monthly to coincide with regular monthly Project progress meetings and submission of Applications for Payment and shall be updated to indicate progress of each activity to the date of submittal, the projected completion of each activity, any activities modified since previous submittal, any major changes in scope, and all other identifiable changes, and further shall be accompanied by a narrative report to define problem areas, anticipated delays, impact on the progress of the Work, and to report corrective action taken or proposed.

11.4 Initial schedules shall be submitted within thirty (30) calendar days after the date established in Notice to Proceed. After review, required revisions to the schedule shall be completed and incorporated within ten (10) calendar days. Updated Progress Schedules shall be submitted with each Application for Payment. Submissions must include one (1) opaque reproduction and one (1) electronic copy (disk or CD) along with a transmittal letter.

11.5 Copies of reviewed Schedules are to be provided to the job site file and, as appropriate, to subcontractors, suppliers, and other concerned entities, including separate contractors. Recipients are to be instructed to promptly report, in writing, problems anticipated by projections shown in schedules.

11.6 The processing of all progress payments is contingent upon the submission of updated schedules.

11.7 The processing of all Change Orders requesting a time extension to the contract are contingent upon the submission and approval of a revised schedule demonstrating that the change order does impact the date of completion for the entire project. Time extension requests associated with Change Orders that do not impact the date of completion for the entire project will be rejected.

OR:

ARTICLE 11 CRITICAL PATH METHOD (CPM) SCHEDULE

11.1 General Contractor shall prepare Critical Path Method (CPM) type schedules in accordance with General Conditions Article 32 with separate divisions for each major portion of the Work or operation. The schedules submitted for this Project shall be prepared using Primavera P6 scheduling software. If approved by the University, and at the sole discretion of the University, schedules submitted using earlier versions of Primavera scheduling software (Primavera SureTrak or Primavera P3) may be converted to Primavera P6 format by the University for review purposes. However, the University will not be responsible for any inaccuracies that may result from such conversions. All schedule submittals shall include a copy in portable document (.pdf) format as well as a complete copy of the schedule in Primavera P6 electronic file (.xer) format.

11.1.1 CPM schedules shall be based on generally accepted good practices for the development of construction schedules including limited use of long activity durations, long total float values or relationships based on leads or lags. Schedules shall include all activities necessary for performance of the work showing logic (sequences, dependencies, etc.) and duration of each activity. The schedules shall
provide information for all elements of the Work in sufficient detail to accurately demonstrate the relative importance of each activity to the successful completion of the Project including but not necessarily limited to the following.

a) Activities to be performed by the University or the Design Team.

b) Activities describing time sensitive submittals and submittal processing.

c) Activities describing fabrication and delivery of key materials or equipment.

d) Activities to identify equipment start-up and testing, system commissioning, and Owner training.

e) Activities to identify Owner Furnished /Contractor Installed and Owner Furnished / Owner Installed material or equipment.

f) Activities to denote all required inspections by the Owner or Design Team, and inspections by state or local agencies including receipt of necessary Certificate(s) of Occupancy.

g) Activities to identify all dates and durations for major utility outages requiring coordination with the Owner and the Owner’s operations.

h) Activities to identify all contractually mandated constraints. Non-contractual constraints shall not be included in the Initial or Final Baseline schedules without explanation. Non-contractual constraints are for the convenience of the General Contractor, shall not be a basis for delay claims, and may be temporarily removed by the University when schedules and updates are reviewed.

i) Software coding of each activity to identify the applicable Phase; area and/or sub area where the work occurs; the trade subcontractor or party responsible for completion of the activity; whether the activity is a design activity, a bidding or procurement activity, a submittal activity, or a construction activity; and whether the activity is potentially weather dependent.

j) The University may, at its sole discretion, also require that each activity be coded to indicate the section of the Technical Specifications that applies to the work.

11.1.2 Schedules shall include divisions for Work to be accomplished remote from the central construction site, (for example, modular or prefabricated units to be constructed off-site, or utilities to the site from outside the construction site such as chilled water, steam, electrical, communications, and fire service). Such Work shall be scheduled so that disruption resulting from construction will be minimized. Start dates and completion dates for utility construction must be maintained and completed in the shortest reasonable time.

11.2 An Initial Baseline Schedules shall be submitted to the Consultant and to the Owner within thirty (30) calendar days after award of the first bid Package or trade contract, and shall include detailed information regarding Work to be performed during the first ninety (90) days of the Project as well as milestone dates based on hammock or Level of Effort type activities that identify all major elements of the remainder of the Work. Any necessary revisions to the Initial Baseline Schedule shall be completed prior to submittal of the Final Baseline Schedule.

11.3 The Final Critical Path Baseline Schedule shall be submitted to the Consultant and to the Owner within seventy five (75) calendar days after award of the first bid Package or trade contract, shall be consistent with the information contained in the Initial Baseline Schedule prepared in accordance with Article 11.2 above, shall be a complete and comprehensive description of the General Contractor’s plan to complete the Work in accordance with the Contract, shall include all activities necessary to complete the Work, and shall show the complete sequence of construction by activity, with dates for beginning and completion of each element of construction as well as an indication of whether the activity might reasonably be delayed or impacted by bad weather. Sub-schedules shall be provided as may be necessary to define critical portions of the entire schedule.

11.3.1 If the Project is to be constructed in multiple phases or using multiple Bid Packages, the date for the start of work on each phase of the Project shall be the date on which the University approves the award of the first Trade Contract for work in that phase or Bid Package.

11.3.2 A separate schedule including decision dates for selection of finishes and delivery dates for Owner furnished items, if any, shall be provided showing submittal dates for Shop Drawings, product data, and material samples, as appropriate.
11.3.3 A separate schedule shall be provided identifying dates and durations for major utility outages requiring coordination with the Owner and the Owner’s operations.

11.3.4 Activities, including Outages, which require action by or which are the responsibility of, the Owner or the Consultant under the terms of the Contract shall be properly indicated, and the responsible party shall be identified in the CPM schedule.

11.4 The Consultant will review schedules only for compliance with the intent of the Contract Documents. Such review shall not relieve the General Contractor of any responsibility for compliance with the provisions of the Contract nor shall such review or any review comments constitute an amendment or modification of the Contract requirements. The General Contractor shall be solely responsible for the means and methods to be employed to assure constructions proceeds in accordance with the submitted schedule and for identifying all necessary activities, establishing activity sequencing and assigning activity durations and relationships to assure that the CPM schedule is an accurate and comprehensive description of the plan for the Work.

11.5 Updated progress schedules shall be submitted to the Consultant and to the Owner concurrently with each Application for Payment to indicate progress on each remaining activity as of the last working day prior to the date of the submittal and the projected completion date of each activity. Updated CPM schedules shall show the accumulated percentage of completion of each activity, and total percentage of Work completed, as of the data date of the update. Each submittal of an update to the schedule shall include a narrative report that identifies and explains activities modified since the previous submittal, major changes in scope and other identifiable changes, problem areas, anticipated delays and impact on the schedule, and shall describe corrective action taken or proposed, and its effect. Schedules will be uploaded in UK E-Communication’s Schedules Item Log.

11.6 Submittals shall include a copy in portable document (.pdf) format as well as a complete copy of the schedule in Primavera P6 electronic file (.xer) format along with a transmittal letter and related narrative report.

11.7 Copies of updated CPM schedules are to be provided to the job site file and, as appropriate, to subcontractors, suppliers, and other concerned entities, including separate contractors. Recipients are to be instructed to promptly report, in writing, any problems anticipated in meeting the projected dates shown in the schedules.

11.8 The processing of all progress payments is contingent upon the submission of an updated CPM schedule. Only payment for bonds and limited General Contractor mobilization costs will be approved for processing prior to receipt of the Initial and Final Baseline schedules.

11.9 The processing of all change orders requesting a time extension to the contract is subject to the terms of Article 21 of the General Conditions to this Contract and is contingent upon the submission of a CPM schedule showing that the change order does indeed impact the contractually required completion dates for the Work. Time extensions for Change Orders that do not impact the contractually required completion dates for the Work will not be considered.

11.10 All time extensions shall be negotiated and made full, equitable and final, and incorporated in a revised CPM schedule at the time of Change Order issuance. No reservation of rights shall be allowed.

11.11 Float available in the schedule at any time shall not be considered for the exclusive use of either party to the contract, but will be a resource available to both the Owner and the General Contractor. No time extensions will be granted for a delay unless the delay impacts the Project critical path as shown in the updated Project schedule most recently submitted to the Owner prior to the event, consumes all available float or contingency time, and extends the Work beyond the then current Contract completion date(s).
ARTICLE 12 WALK-THROUGH

12.1 After the "Work Order" is issued but before Work by the General Contractor is started, a walk-through of the area is required to document the condition of the space, surfaces, or equipment. It is the responsibility of the General Contractor to schedule the walk-through with the Owner’s Project Manager, the Consultant, and other interested parties.

12.2 During the walk-through, General Contractor shall identify all damaged surfaces or other defective items that exist prior to construction.

12.3 The walk-through shall be attended by Owner’s Project Manager, a Representative of the user of the facility, the General Contractor and the Consultant.

12.4 Written documentation of the walk-through is to be provided by the Consultant with copies distributed to all parties. Polaroid type color photographs are to be provided and labeled by General Contractor and one (1) copy of such photographs are to be given to Consultant. (Digital photos in a .jpg format are acceptable if submitted on digital media storage) All parties attending the walk-through agree on the list of damages.

ARTICLE 13 OWNER’S CONSTRUCTION REPRESENTATIVE – Not Applicable

NOTE: USE ONLY THE APPLICABLE PARAGRAPHS BELOW AND DELETE THE OTHERS.

13.1 The Owner may have full time personnel or representatives on this job. If so, the General Contractor is to provide, at no additional cost to the Owner, an office for the duration of the Project specifically for the use of Owner personnel. The office should be furnished with all required utilities, including HVAC, and the following:

- 3 Desks
- 3 Desk chairs
- 3 Side chairs
- 3 4-drawer filing cabinets
- 3 telephones
- 3 DSL / cable modem connections
- 1 Facsimile machine
- 1 Layout table
- 1 Hanging plan rack

[EDIT QUANTITIES]

13.2 RESIDENT INSPECTOR (IF REQUIRED). A full time Resident Inspector will be on this job. The General Contractor is to provide a trailer for the duration of the Project specifically for the Resident Inspector. The trailer should be furnished with all required utilities, including HVAC and the following:

- 1 - Desk
- 1 - Desk chair
- 2 - Side chairs
- 1 - Layout table
- 1 - 4 Drawer filing cabinet
- 1 - Telephone
- 1 - DSL / Cable Modern Connection
- 1 - FAX Machine
- 1 - Hanging plan rack

[EDIT QUANTITIES]
ARTICLE 14 FIELD OFFICE

14.1 General Contractor shall make his own provision for field office for his own personnel and for incidental use by their Sub-contractors. Quantity and location are subject to approval of the Consultant and the Owner's Project Manager.

NOTE: USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER

14.2 General Contractor is not required to provide a field office for use by the Owner or Consultant.

14.2 A field office shall not be required for this Project.

ARTICLE 15 TELEPHONE SERVICE

15.1 General Contractor shall arrange through UKIT Communications and Network Systems for installation of on-site phone, internet and other communications services. Telephone service during the length of construction shall be paid for by the General Contractor. (Cell phone/Nextel service in lieu of UKIT Communications and Network Systems phone service may be utilized at General Contractor’s option.)

ARTICLE 16 CONSTRUCTION FENCE

16.1 Construction fencing will be designed and erected around job sites where there is a possibility of injury to employees, students or the public. Special precautions must be taken to protect the visually impaired, disabled, children and others using the University facilities. During active excavation/trenching operations, fencing shall be erected to prevent unauthorized entry into the site. All fencing shall comply with the current requirements of the International Building Code except where the following requirements are more stringent.

16.1.1 All job site perimeter fencing within 5 feet of a walkway, street, plot line, or public right-of-way shall be 8 feet in height. Perimeter fencing that blocks sidewalks must include signs directing pedestrians to a safe walkway or crosswalk. Signage may be attached to the fence, but may also be required to inform pedestrians of sidewalk closures and detours prior to arriving at the closed area. General Contractor shall provide electrical pedestrian and general lighting along the top rail of the perimeter of the construction site fence to provide a minimum illumination level of 1.5 foot candles. Pedestrian and perimeter fence lighting shall be installed in conduit, raceway, and/or pathway system properly supported to the perimeter fence. Open or flexible cabling will not be acceptable.

16.1.2 All job site perimeter fencing more than 5 feet from a walkway, street, plot line, or public right-of-way shall be a minimum of 6 feet in height unless International Building Code requirements are more restrictive due to the height of the structure and setback.

16.1.3 All fencing shall be of a woven material such as chain link or a solid type fence. Fencing shall include gates required for construction operations. Gates shall be lockable with both the General Contractor's lock, and a lock provided by the Owner. Lock by Owner shall be keyed for the University Best GA key core. All locks to be “daisy-chained” to provide access to the Owner.

16.1.4 It shall be the General Contractor's responsibility to determine the proper quality of materials and methods of installation of the fencing, with the understanding that it must be maintained in good condition, good appearance, rigid, plumb, and safe throughout the construction period. The fence does not have to be new material. The fence is to be erected on fence posts securely anchored in the ground. Provide a top bar or, with prior approval of the owner, a wire shall be run through the top of the fence and attached to the end posts. A tension control device shall be installed as necessary. Use of sandbags, concrete weights, stakes, etc. to hold fence posts in place are not allowed. Penetrations in pavement or landscape walking surfaces may not be made without the approval of the owner. Any damage caused by the fence installation shall be repaired in a manner satisfactory to the owner. When fencing is to remain in place for six (6) months or
more a green fabric mesh must be provided for the full height and length of the fence. Fabric should be omitted for one (1) section of fencing where blind corners occur or at pedestrian/vehicle intersections.

16.1.5 The General Contractor shall be responsible for removing and replacing any fence sections and/or posts necessary for access to the site on a daily basis. The General Contractor shall police such conditions to assure the fence and posts are reset in a timely manner and are specifically in place at the close of the working day.

16.1.6 If the General Contractor fails to comply with the requirements of this Article 16, the Owner may proceed to have the work done and the General Contractor shall be charged for the cost of the Work done by unilateral deductive change order.

16.1.7 Plastic construction fencing is not acceptable as a perimeter protection fence.

ARTICLE 17 PROJECT SIGN

17.1 The General Contractor shall furnish, install and maintain a Project sign during this Project. This sign shall be 4’ x 8’ x 3/4” exterior grade plywood mounted on 4” x 4” posts. Design shall be as provided by the Owner at a later date and shall include the name of the Owner, Project, Consultant, and General Contractor. (Note: No Project Sign will be allowed on renovation jobs where all of the renovation is taking place on the interior of the building and storage has not been allowed on the grounds surrounding the site.)

17.2 No signs, except those attached to vehicles or equipment, may be displayed without permission from the Consultant and the Owner's Project Manager. No political signs will be permitted.

ARTICLE 18 PARKING

NOTE: CONSULTANT TO USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER

18.1 No on-campus parking is available. The Contractor shall develop a parking plan as part of the required Pre-Construction Services element of this Contract in anticipation that the majority of required parking will have to be off-campus.

Alt.

18.1 The University of Kentucky will make available for purchase by the General Contractor up to four (4) parking permits. The category of parking permit and location of parking is determined by the Director, Parking and Transportation Services, or a designee. Parking permits may be purchased by the General Contractor to be used by the Contractor and/or the Contractor’s subcontractors and employees during the construction period. The cost of each permit is based on the pro-rata annual cost and may be purchased from Parking Services, 721 Press Avenue, after the Contract is executed. Necessary documents required to purchase the passes will be available at the Pre-Construction Conference.

18.2 The Director, Parking and Transportation Services, or a designee will determine if parking is available for employees of the Contractor and subcontractors in the K lots at Commonwealth Stadium or elsewhere on Campus. The Contractor will be given thirty (30) days notice should conditions change that will affect parking at the designated parking area and it is necessary to relocate parking or terminate parking privileges. If parking is available, permits may be purchased from Parking Services, 721 Press Avenue at the appropriate monthly cost.

ARTICLE 19 SANITARY FACILITIES

NOTE: CONSULTANT TO USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER.
19.1 Restroom facilities in one of the surrounding buildings will be designated at the Pre-Construction Meeting for use by the General Contractor's workforce during construction. The designated restroom(s) and areas accessible to General Contractor must be kept clean and neat during construction. Failure to keep them clean will result in the General Contractor being required to provide portable toilets at his cost at the site. Drinking water shall be provided from an approved safe source so piped or transported as to be kept clean and fresh and served from single service containers or satisfactory types of sanitary drinking stands or fountains. All such facilities and services shall be furnished in strict accordance with existing governing health regulations.

**NOTE: MAJOR RENOVATIONS/NEW CONSTRUCTION**

19.1 At the beginning of the Project, before any Work is started, the General Contractor shall furnish, install and maintain ample sanitary facilities for the workforce. Permanent toilets in the existing building shall not be used during construction of the Project. Drinking water shall be provided from an approved safe source, piped or transported as to be kept clean and fresh and served from single service containers or satisfactory types of sanitary drinking stands or fountains. All such facilities and services shall be furnished in strict accordance with existing governing health regulations.

**ARTICLE 20 RULES OF MEASUREMENT**

20.1 Rules of Measurement shall be established by the Consultant in the field. Actual measurement shall be taken in the field. These amounts shall become binding upon the General Contractor and be adjusted as before mentioned.

20.2 The General Contractor shall pay for and coordinate through the Consultant and/or the Owner's Project Manager all associated Work by utility companies including relocation of utility poles, installation of new street lights, relocation of overhead or underground lines, and any other Work called for on the Plans and in the Specifications.

**ARTICLE 21 ALLOWANCES - Not Applicable**

21.1 As stated in the General Conditions to the Contract, the General Contractor shall have included in the Contract Amount all costs necessary to complete the Work. Costs based on “allowances” shall be permitted only for objectively quantifiable items and only with the prior written approval of the Owner.

21.2 The University of Kentucky has entered into a price contract agreement with SimplexGrinnell for procurement of fire alarm and security systems. SimplexGrinnell will provide an allowance for this project which may include Fire Alarm Equipment and Security Equipment, including all required cable/wire, labor to install cable and wire and terminations of SimplexGrinnell supplied devices and panels. SimplexGrinnell will be a sub-contractor under the General Contractor. The General Contractor shall include an allowance of $____________ for the work by SimplexGrinnell in the base bid.

The electrical contractor is to provide and install conduits and back boxes/junction boxes. All conduits will include a pull string. SimplexGrinnell will furnish and install all fire alarm and security equipment.

(UK Project Manager to provide a copy of Simplex scope of Work)

**ARTICLE 22 SEQUENCE OF CONSTRUCTION**

22.1 **CONSULTANT/PROJECT MANAGER TO INSERT INFORMATION HERE IF CONSTRUCTION MUST BE SEQUENCED IN A SPECIFIC MANNER.** This project shall be constructed in two phases, as indicated in Article 06.

22.2 All materials and equipment are to be brought into the project site from the approved staging location and are not to be brought through the existing buildings or loading docks. Any and all exceptions
shall be approved by, and closely coordinated with, the Owner’s Project Manager in advance of scheduling or performing the work.

22.2.1 The General Contractor shall coordinate any road and sidewalk closings, utility disruptions, etc. which will affect the use of the existing building(s) with the Owner's Project Manager prior to commencing that Work.

22.3 The adjacent buildings and public areas will remain in use and the Owner shall have access to the existing building(s) throughout the duration of the Project. The General Contractor shall coordinate construction activity to assure the safety of those who must cross the Project site and shall provide and maintain the necessary barriers and accommodations for a completely safe route of accessibility. The General Contractor is to insure that all exits provide for free and unobstructed egress. If exits must be blocked, prior arrangements must be made with the Owner's Project Manager.

22.4 The General Contractor shall cooperate with the Owner to minimize inconvenience to, or interference with normal use of existing buildings and grounds by staff, students, other Contractors, or the public. General Contractor shall conduct operations to prevent damage to adjacent building structures and other facilities and in such a manner to protect the safety of building's occupants.

22.5 Special effort shall be made by the General Contractor to prevent any employee from entering existing buildings for reasons except construction business. In particular, use of toilets, drinking fountains, vending machines, etc. is strictly prohibited.

ARTICLE 23 CRANE & MATERIAL HOIST OPERATIONS

23.1 General Contractor shall provide appropriate barriers around crane and material hoist to protect pedestrian-and vehicular traffic around operating area. When crane is operating or moving, flag men provided by General Contractor shall be utilized to prevent pedestrian and vehicular traffic from crossing the pathway of crane lift. General Contractor's flag men shall coordinate these activities with the appropriate security personnel.

23.2 Cranes and material hoists shall be safely secured and inaccessible during non-operating hours. General Contractor shall coordinate operation or erection of a crane or material hoist in the vicinity of the Medical Center with Medical Center Aeromedical Operations (Med-evac helicopter).

23.3 Any damage to trees, shrubs or plant material at the placement of crane or material hoist shall be repaired by tree surgery or replaced as directed by Consultant.

ARTICLE 24 UTILITIES

NOTE: CONSULTANT TO USE ONLY ONE OF THE PARAGRAPHS BELOW AND DELETE THE OTHER AFTER DISCUSSIONS WITH THE OWNER'S PROJECT MANAGER.

ON SMALL PROJECTS WHERE THE UNIVERSITY PROVIDES ELECTRIC.

24.1 This Article modifies Article 8 of the General Conditions. The Owner will provide water and electricity for this Project. The General Contractor shall provide for all temporary taps, hoses, lines, boxes, lighting and installation of the same for construction operations. Electricity shall not be used for heating purposes. In the event that the General Contractor is wasteful with these utilities, the Owner shall charge the General Contractor accordingly.

ON LARGE PROJECTS THE FOLLOWING NEEDS TO BE USED IN LIEU OF THE ABOVE. VERIFY CURRENT RATE FOR EACH UTILITY WITH PPD MANAGER OF UTILITIES.

24.1 When the various building systems are energized and connected to Owner's utility systems, but prior to turnover to and occupancy by the Owner, the General Contractor is responsible to reimburse the Owner for Owner furnished utilities. These utilities include but not limited to steam, chilled water, domestic water, and electricity provided by the Owner up to the date of Substantial Completion.
Reimbursement will be payable monthly via a deductive change order to the contract. Unit costs for campus are as follows:

24.1.1 Steam is $15.00/million BTU (1000 lb.) condensate measured through the building condensate meter (all condensate is to be returned).

24.1.2 Chilled Water is $11.00/million BTU (1000 lb.) measured through the building BTU meter.

24.1.3 Electricity is $0.08/KWH measured through the building electric meter.

24.1.4 Water is supplied by Kentucky American Water Company (KAWC). General Contractor shall pay KAWC directly until the Owner's beneficial occupancy date. The General Contractor shall pay KAWC directly for fire service.

24.1.5 General Contractor shall furnish gas meter and pay Columbia Gas Company directly for service until the Owner's beneficial occupancy date.

24.1.6 General Contractor shall obtain from and pay UKIT Communications and Network Systems for the use of telephone services.

24.2 UTILITY OUTAGES

24.2.1 Interruption of Utilities and Services: No utilities or services may be interrupted without full consent and prior scheduling of the Owner. Owner approval is required in writing for each disruption.

24.2.1.1 ENTIRE BUILDING OUTAGE

The Owner's Project Manager is the General Contractor’s contact with the University for requesting Utility Outages. The Owner's Project Manager will contact the proper departments and divisions within the University and receive approval from those units prior to allowing a planned outage to occur. The established standard within the University Departments and Divisions of an entire building or group of buildings shall be three weeks written notice. The written notice shall include the type of utility to be interrupted, reason for outage, length of outage, what will be affected by the outage and a statement of whether or not the materials are on hand to complete the Work. If a specific time is desired for the outage it should be included. The Owner's Project Manager will insure that all parties affected are contacted and that a time which is least disruptive to all parties is selected. At the appointed outage time, Work shall begin and proceed continuously with all required manpower until Work is complete at no added cost to the University. The Owner's Project Manager will then notify all affected departments or divisions.

24.2.1.2 SECTION OF A BUILDING OUTAGE

The Owner's Project Manager is the General Contractor’s contact with the University for requesting Utility Outages. The Owner's Project Manager will contact the proper departments and divisions within the University and receive approval from those units prior to allowing a planned outage to occur. The established standard within the University Departments and Divisions of a section of a building shall be a written request one week prior to outage. The written request shall include the type of utility to be interrupted, when the outage is desired, reason for outage, length of outage, and what will be affected by the outage. The Owner's Project Manager will insure that all parties affected are contacted and that a time which is least disruptive to all parties is selected. At the appointed outage time Work shall begin and proceed continuously with all required manpower until Work is complete at no added cost to the University. The Owner's Project Manager will then notify all affected departments or divisions.

ARTICLE 25 CLEANING AND TRASH REMOVAL

25.1 The General Contractor shall keep clean the entire area of new construction and shall keep streets used as access to and from the site free of mud and debris.
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25.2 All exit ways, walks, drives, grass areas, and landscaping must be kept free from debris, materials, tools and vehicles at all times. Trim weeds and grass within the site area.

25.3 Upon completion of the Work, General Contractor shall thoroughly clean and re-sod grass areas damaged to match existing areas.

25.4 The General Contractor shall be responsible for removal from the site of all liquid waste or other waste (i.e. hazardous, toxic, etc.) that requires special handling on a daily basis.

25.5 Dumpsters will be provided and maintained by the General Contractor.

25.6 During Work at the Project site, the General Contractor shall clean and protect Work in progress and adjoining Work on a continuing basis. General Contractor shall apply suitable protective covering on newly installed Work where needed to prevent damage or deterioration until the time of Substantial Completion. General Contractor shall clean and perform maintenance on newly installed Work as frequently as necessary through remainder of construction period.

25.7 The General Contractor shall be responsible for daily cleaning of spillage's and debris resulting from his and his Sub-contractor's operations, (includes removal of dust and debris from wall cavities), and for providing closed, tight fitting (dustproof if required), waste receptacles to transport construction debris from the work area to the dumpster. Broom clean all floors no less than once a week. The General Contractor shall empty such receptacles into the trash container when full or when directed to be emptied by the Consultant and/or Owner's Project Manager, but not less than weekly. The use of hospital waste and trash receptacles is strictly prohibited, except as otherwise provided by the project specifications.

25.8 Failure to comply with the above requirements shall be cause for stopping work until the condition is corrected.

ARTICLE 26 BLASTING

COVERAGES LISTED BELOW ARE MINIMAL AND SHOULD BE VERIFIED WITH UK RISK MANAGEMENT ON AN INDIVIDUAL PROJECT BASIS.

26.1 There shall be no blasting under any conditions on University of Kentucky property unless specified in these Special Conditions.

If blasting is allowed delete the above and use the following Articles 26.1 and 26.2.

26.1 Blasting will be allowed on this Project as specified. Additional insurance coverage on the part of the General Contractor/ Sub-contractor for damages from blasting is required. This additional insurance will be an endorsement adding X, C, and U to the Comprehensive General Liability Policy as required by the General Conditions Article 35. This endorsement is based on the following buildings and furnishings whose assessed value is as follows: (LIST BUILDING AND FURNISHING VALUES FOR BUILDINGS IN THE VICINITY OF THE BLASTING)

<table>
<thead>
<tr>
<th>BUILDING</th>
<th>BUILDING VALUE</th>
<th>FURNISHING VALUE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Memorial Hall</td>
<td>$976,000</td>
<td>$150,000</td>
<td>$1,126,000</td>
</tr>
<tr>
<td>2. Engineering Tower</td>
<td>$4,356,000</td>
<td>$422,000</td>
<td>$4,778,000</td>
</tr>
<tr>
<td>3. Mining Lab</td>
<td>$882,700</td>
<td>$483,000</td>
<td>$1,355,700</td>
</tr>
</tbody>
</table>

Total Value of Buildings and Equipment $35,036,000

The limits for X, C, and U endorsement for blasting must be a minimum of $20,000,000.
26.2 The delivery route of blasting materials to the campus must be approved by the UK Fire Marshall, UK Police Department, the Lexington-Fayette Urban County Government Police Department, and the Owner's Project Manager prior to delivery of any blasting materials. During the Contract Time period the General Contractor shall notify the UK Police Department 24 hours prior to delivery, confirming the delivery route, the time and date of delivery, and the amount of explosive carried. The General Contractor shall designate magazines used for storage of caps and explosives, plus the amount stored in each magazine. General Contractor shall adhere to the American Table of Distance for storage of explosives, and limit overnight storage of ‘Class A’ explosives to one day supply. It is strongly recommended, however, not to store explosives overnight.

ARTICLE 27 CUTTING AND PATCHING - NEW AND EXISTING WORK

27.1 New Work - Cutting and patching shall be done by craftsmen skilled and experienced in the trade or craft that installed or furnished the original Work. Repairs shall be equal in quality and appearance to similar adjacent Work and shall not be obviously apparent as a patch or repair. Work that cannot be satisfactorily repaired shall be removed and replaced.

27.2 Existing Construction - Refer to Architectural, Mechanical, and Electrical drawings for cutting and patching. All new Work shall be connected to the existing construction in a neat and workmanlike manner, presenting a minimum of contrast between old and new Work. Do all patching of the existing construction as may be required for the new construction to be done. Necessary patching, closing of existing openings, repairing and touching up shall be included as required for a proper, neat and workmanlike finished appearance. Any existing item that is to remain and is damaged during construction shall be replaced at the General Contractor’s expense.

ARTICLE 28 UNRELATED PROJECTS

28.1 Unrelated construction Projects may be under way in the vicinity of this Project or the site utility work during the course of the Work related to this Project. The General Contractor for this Project must coordinate with any other contractors regarding overlapping areas. See Article 42 - Separate Contracts of the General Conditions.

ARTICLE 29 OWNER SUPPLIED MATERIALS

(Withdraw if there are no pre-ordered materials)

29.1 Owner, in an effort to expedite this Project, has pre-ordered certain long lead time items. The following is the list of material that has been pre-Ordered:

1. Midmark Casework

29.2 All Pre-Ordered Material was specified to be shipped to the Chandler Hospital. It will be the General Contractor’s responsibility to receive and off load the Pre-Ordered Material. If there is damage to the Pre-Ordered Material, then the General Contractor is to notify the Owner's Project Manager immediately so that the Owner can seek replacement material.

ARTICLE 30 REMOVED ITEMS

30.1 The following is a list of items to be turned over to the Owner by the General Contractor after removal by the General Contractor. If there are additional items listed in the drawings to be turned over to the Owner, but not listed here, it shall be construed as being listed here.

1. Remove the HVAC MEC and the TEC controllers and turn them over to the Owner as salvaged materials.
2. Remove existing VFD’s and turn over to the Owner to select items to salvage.
3. Remove existing sprinkler escutcheons and turn over to the Owner as salvaged material.
4. Refer to the Drawings for other Items to be removed, salvaged, or demolished as part of the project.

LIST ITEMS

2. LIST ITEMS

30.2 All items which are identified to be turned over to the Owner must be treated with the utmost care and protected during removal and transport from damage.

30.3 Materials to be turned over to the Owner by the General Contractor shall be delivered to a warehouse within a five (5) mile radius of the Project site. IDENTIFY LOCATION IF POSSIBLE PRIOR TO PUTTING OUT FOR BID.

ARTICLE 31 INTERIOR ENCLOSURE AND DUST ENCAPSULATION

31.1 Areas under construction or renovation shall be separated from occupied areas by suitable temporary enclosures furnished, erected and maintained by the General Contractor. Temporary enclosures shall be dust and smoke tight and constructed of non-combustible materials to prohibit dirt and air borne dust from entering occupied spaces. General Contractor to review with Consultant ways to provide ventilation for dust generated by demolition and fumes/vapors produced during installation of new materials.

31.2 General Contractor is responsible for coordinating with the Owner’s Project Manager any equipment to be turned off prior to erecting temporary enclosures.

31.3 General Contractor shall protect all exhaust diffusers, equipment and electrical devices from the collection of dust. All areas shall be checked and cleaned prior to final acceptance of Work.

31.4 Dust and debris from Work operations shall be held to a minimum.

31.5 General Contractor shall construct temporary dust partitions at locations and as detailed on drawings. Closures used for dust barricade shall be constructed of non-combustible materials, (metal studs and gypsum board or fire retardant plywood).

31.6 General Contractor shall provide additional devices and materials and required to contain dust within Work area and protect personnel during course of Work.

31.7 Areas of minor renovation, consisting of the removal of doors and frames, blocking of openings, and other limited Work shall be separated by a dust partition of fire retarded polyethylene on studs.

31.8 Existing corridor doors may serve as dust barriers, except if removed for refinishing. In such cases, temporary wood doors must be substituted until original doors are replaced.

31.9 The General Contractor may assume existing walls which extend full height, floor to structure, shall be deemed appropriate to contain air borne dust. Cover any voids or penetrations.

31.10 Doors or windows in the perimeter walls surrounding the Project work area shall be sealed off with protective materials in a manner to prohibit dust from escaping the work area. These shall be left in place until all work creating dust is completed. Protective materials shall consist of fire retardant wood, metal studs, gypsum board or flame resistant plastic.

31.11 Entry passage to Work area shall be sealed off with zippered plastic opening or other acceptable means which allows periodic entry and closure of barricade closure.
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31.12 Install and maintain a “sticky mat” on the floor in locations where construction crews leave the construction area and prior to entering ANY existing space in the building.

31.13 Install and maintain a temporary floor covering in any and all elevators being utilized for this project.

ARTICLE 32 UKIT COMMUNICATIONS AND NETWORK SYSTEMS

EDIT BELOW IF PRE-WIRING DONE BY CONTRACTOR AND TERMINATIONS BY UK AFTER DISCUSSIONS WITH THE OWNER’S PROJECT MANAGER.

32.1 The University of Kentucky owns the campus Telephone system and the UK IT Communications and Network Systems is responsible for communications pre-wiring in all new and renovated facilities on the campus. The General Contractor, during the initial start up of construction, shall coordinate with a representative from UKIT Communications and Network Systems a time window as to when pre-wiring by University personnel for the phone system can start and when it must be finished prior to the installation of the finished ceiling. (Typically same time frame as electricians installing wire.) Thirty (30) days notice shall be given to UKIT Communications and Network Systems prior to the start of the time window for pre-wiring.

Alt.

32.1 The communications wiring is to be provided, installed and terminated by the General Contractor using a certified and approved communications contractor. All work shall be done in compliance with the latest UKIT Communications and Network Systems Standards, and closely coordinated with UKIT-Communications and Network Systems.

ARTICLE 33 EMERGENCY VEHICLE ACCESS

33.1 Emergency Vehicle Access must be maintained during construction. The General Contractor shall coordinate with the local Fire and Emergency Medical Services department(s) that would respond to an emergency during the initial start up of construction to ensure a complete understanding of their requirements.

ARTICLE 34 SMOKE DETECTORS / FIRE ALARM SYSTEMS - EXISTING AND/OR NEW FACILITIES

34.1 General Contractor shall protect all smoke detectors in Work areas to prevent false alarms. The General Contractor will be responsible for any false alarm caused by dust created in their Work areas or dust traveling to areas beyond the Work past inadequate protection barriers. If there is a need for an existing or newly installed fire alarm system or parts of that system to be serviced, turned off, or disconnected, prior approval must be obtained from the Owner's Project Manager and notification given to the Campus Dispatch Office. The General Contractor must follow the procedure outlined for Utility Outages and any documented costs charged by the responding fire department due to a false alarm shall be paid by the General Contractor. As soon as all Work is completed, notification must be given to the Owner's Project Manager and to the Campus Dispatch Office prior to reactivation of the system. Prior to Final Payment to the General Contractor, all protected smoke detectors will be uncovered and tested.

34.1.1 When the function of any fire alarm, detection or suppression system is impaired, a temporary system shall be provided. General Contractor shall provide daily reports indicating the Superintendent has walked through the project at the end of each work period, to satisfy himself there are no present conditions that may result in an accidental fire. Portable fire extinguishers shall be on site during this time. The General Contractor is responsible for inspecting and testing any temporary systems on a monthly basis.

ARTICLE 35 SURVEYS, RECORDS, and REPORTS

35.1 General: Working from lines and levels established by property survey, and as shown in relation to the Work, the General Contractor will establish and maintain bench marks and other dependable markers
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to set lines and levels for Work at each area of construction and elsewhere on site as needed to properly locate each element of the entire Project. The General Contractor shall calculate and measure from the bench marks and dependable markers required dimensions as shown (within recognized tolerances if not otherwise indicated), and shall not scale drawings to determine dimensions. General Contractor shall advise Sub-contractors performing Work of marked lines and levels provided for their use in layout of Work.

35.2 Survey Procedures: The General Contractor shall verify layout information shown on drawings, as required for his own Work. As Work proceeds, surveyor shall check every major element for line, level, and plumb (as applicable), and maintain an accurate Surveyor's log or Record Book of such checks available for General Contractor or Design Consultant's reference at reasonable times. Surveyor shall record deviations from required lines and levels, and advise Design Consultant or General Contractor promptly upon detection of deviations exceeding indicated or recognized tolerances. The General Contractor shall record deviations which are accepted (not corrected) on Record Drawings.

ARTICLE 36 TOBACCO PRODUCTS PROHIBITED

36.1 For areas located within Fayette County, Kentucky, the use of all tobacco products is prohibited on all property that is owned, operated, leased, occupied, or controlled by the University. "Property" for purposes of this paragraph includes buildings and structures, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots, and vehicles, as well as personal vehicles in these areas. To view the Lexington campus boundaries: [http://www.uky.edu/TobaccoFree/files/map.pdf](http://www.uky.edu/TobaccoFree/files/map.pdf).

36.2 For areas not located within Fayette County, Kentucky, smoking is prohibited in all owned, operated, leased, or controlled University buildings and structures, parking structures, enclosed bridges and walkways, and vehicles. Smoking is also prohibited outside buildings and structures within 20 feet of entrances, exits, air intakes, and windows, unless further restricted by division policy.

36.3 General Contractor employees violating this prohibition will be subject to dismissal from the Project.


ARTICLE 37 ALTERNATES

37.1 Alternate(s) will be accepted in the sequence of the Alternates listed on the Bid Form, and the lowest Bid Sum will be computed on the basis of the sum of the base Bid and any alternates accepted, within the budgeted amount.

37.2 Schedule of Alternates:

LIST ALTERNATES AND DESCRIBE WORK IN PRIORITY SEQUENCE AFTER DISCUSSIONS WITH THE OWNER'S PROJECT MANAGER. Alternate No. 1 – Replace doors E201, E203, E207, E213, E214, and E217 as indicated on the Alternate Door and Frame Schedule.

ARTICLE 38 FIELD CONSTRUCTED MOCK UPS

38.1 Exterior Finishes – Not Applicable

38.1.1 After sample selection but prior to ordering exterior finish materials, General Contractor shall accumulate enough material samples to erect sample wall panels to further verify selections made for color and textural characteristics, and to represent completed Work for qualities of appearance, materials and...
construction; include sample masonry units (face and back-up wythes, plus accessories), window units, roofing finish, etc. to provide a complete representation of the exterior facade for approval by the Consultant; build mock-ups to comply with the following requirements:

38.1.2 Build mock-ups well in advance of the time the finish materials will be needed for inclusion in the Work.

38.1.3 Locate mock-ups at location as reviewed and approved by the Architect and University’s Project Manager, generally within 10 feet of existing building, parallel to existing face of building, and exposed to sunlight during daylight hours. Mock-Up to be reviewed twice, once in direct sunlight and once in shade to confirm color characteristics of samples.

38.1.4 Mock-ups Size(s) for the following types shall be approximately 6' long by 4' high by full thickness.

38.1.5 Protect mock-ups from the elements with weather resistant membrane.

38.1.6 Retain mock-ups during construction as a standard for judging completed Work. When directed by the University’s Project Manager or by the Consultant, demolish mock-ups and remove from the site.

38.2 Interior Finishes

38.2.1 After sample selection but prior to ordering interior finish materials, General Contractor shall accumulate enough material samples to erect sample to further verify selection made for color and textural characteristics, and to represent completed Work for qualities of appearance, materials and construction; include samples of interior finishes, including paint, wood stain, vinyl wallcovering, flooring and ceiling materials to provide a complete representation for approval by the Consultant; build mock-ups to comply with the following requirements:

38.2.2 Build mock-ups well in advance of the time the finish materials will be needed for inclusion in the Work. Mock-ups may be on newly installed wall surfaces.

38.2.3 Locate mock-ups with adequate illumination for observation under intended light levels.

38.2.4 Retain mock-ups during construction as a standard for judging completed Work. When directed by the University’s Project Manager or by the Consultant, remove mock-ups from site or incorporate into the completed work.

ARTICLE 39 PROJECT COORDINATION VIA COMPUTER

39.1 The General Contractor and subcontractors are required to have an active email account to facilitate coordination of the project during construction and warranty.

39.2 To facilitate project construction coordination between the Consultant, the General Contractor, Subcontractors, and the University of Kentucky as the Owner, UK Capital Project Management Division (CPMD) is hosting an Internet/ Web-based Project Management System (WPMS) to help improve project communication and collaboration. The Consultant shall participate in the use of the WPMS (UK E-Communication® or other system at the Owner’s discretion) providing collaboration between Owner, the Consultant and selected contractors.

39.2.1 Owner shall provide the General Contractor and subcontractors with user accounts and appropriate training for the web-based project management tool.
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39.2.2 Utilization of, and training in the use of, the WPMS will be arranged for and supervised by Owner.

39.2.3 Participation of General Contractor is mandatory; others as determined by Owner. Participation of Subcontractors is not mandatory but will be offered at their discretion.

39.2.4 All participants are required to have access to the internet and the Microsoft Internet Explorer browser (version 5.0 or higher). A broadband connection to the internet (e.g. Cable modem, ISDN, DSL) is recommended, but not required.

39.2.5 The WPMS shall be utilized for the following functions, as a minimum: Posting Project Files, AE Amendments, Architect’s Supplemental Information (ASI’s), Closeouts, Consultant Invoices, Contracts, Defective Work in Place, Meeting Minutes, Payment Applications, Proposed Change Orders – Change Orders (PCO to CO’s), Punch Lists, Reports (Contractor Daily Reports, Field Reports, Commissioning Reports), RFIs, SAP Equipment List, Schedules, and Submittals. The Document Library (Bid set Plans, Specifications and Addenda) will be uploaded by Lynn Imaging.

39.2.6 Site camera monitors may be included at Owner’s discretion.

39.2.7 Utilization of the WPMS shall be implemented by the Owner’s representative.

39.2.8 Use of the system will provide consistent, real-time information for decision making. Additionally, all project data entered into the system will be archived to facilitate project record keeping. It is anticipated that proper use of the WPMS will improve efficiency of communications and reduce project related paperwork and clerical workload.

ARTICLE 40 HOT WORK PERMITS

40.1 All work involving open flames or producing heat and/or sparks in occupied buildings on the University of Kentucky campus will require the General Contractor to obtain approval to perform “Hot Work” on site. This includes, but is not limited to: Brazing, Cutting, Grinding, Soldering, Thawing Pipe, Torch Applied Roofing, and Cadwelding. A copy of the Hot Work Permit and the Hot Work Permit Procedure will be passed out at the Preconstruction Conference for the General Contractor’s use.

ARTICLE 41 INSURANCE

NOTE: CONSULTANT TO VERIFY COVERAGES WITH THE OWNER’S PROJECT MANAGER.

41.1 Employers’ Liability Insurance. The General Contractor shall acquire and maintain Employers’ Liability insurance with at least $500,000/$500,000/$500,000 limits of liability for all employees who will be working at the Project site.

41.2.1 Commercial General Liability Insurance. If the work involved requires the use of helicopters, a separate aviation liability policy with limits of liability of $100,000,000 will be required. If cranes and rigging are involved, a separate inland marine policy with liability limits of $100,000,000 will be required.

41.2.1.1 The limits of liability shall not be less than $5,000,000 each occurrence combined single limits for bodily injury and property damage. If split limits are used, they shall not be less than $2,000,000 for each person and each occurrence and $1,000,000 for property damage.

41.2.2 Comprehensive Automobile Liability Insurance. Policy limits shall not be less than $2,000,000 for combined single limits for bodily injury and property damage for
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each occurrence. As an alternative, split limits of not less than $1,000,000 (INSERT NUMBER AMOUNT) for bodily injury and $500,000 (VERIFY NUMBER AMOUNT) for property damage for each occurrence shall be maintained.

41.2.3 Excess or Umbrella Liability Insurance. This policy shall have a minimum of $1,000,000 combined single limits for bodily injury and property damage for each occurrence in excess of the applicable limits in the primary policies.

41.2.4 Workers’ Compensation - Statutory Requirements (Kentucky)

ARTICLE 42 KEY ACCESS

42.1 If Construction Cores are NOT utilized, then one set of keys for access to the renovation project area will be provided to the General Contractor by the University’s Project Manager. The General Contractor assumes responsibility for the safekeeping of the key(s) and its use. When leaving the renovation area all doors must be secured.

42.2 All keys must be returned to the University’s Project Manager upon completion of project work as one of the requirements for Final Payment. Failure to return the keys may require re-keying of all doors in the work area up to and including the entire building if master keys are issued. The cost of re-keying of the door(s) accessed by the key(s) will be subtracted from the remaining contract dollars including contract retainage.

42.3 All lost or stolen keys must be reported immediately to the University’s Project Manager.

ARTICLE 43 CEILING CLEARANCE

43.1 Work above ceiling: All work above an area with lay-in ceiling must be coordinated and installed so there is a minimum of 4” between the top of the ceiling grid runners and bottom of the installation. Installation shall not obstruct equipment access space or equipment removal space. Also, conduit and pipe attached to the wall must be above the 4” minimum level.

43.2 Coordination Between Trades: Request and examine all drawings and specifications pertaining to the construction before installing above ceiling work. Cooperate with all other contractors in locating piping, ductwork, conduit, openings, chases, and equipment in order to avoid conflict with any other contractor’s work. Give special attention to points where ducts or piping must cross other ducts and piping, and where ducts, piping and conduit must fur into the walls and columns. Make known to other trades intended positioning of materials and intended order of work. Determine intended position of work of other trades and intended order of installation.

ARTICLE 44 METAL ANCHORS

44.1 All anchoring devices utilized to secure materials to the building shall be metal. Plastic or plastic expansion components shall not be used. This shall include all fasteners for mechanical/electrical hangers.

ARTICLE 45 CONTRACTOR/SUPERINTENDENT EXPERIENCE

45.1 For those projects impacting patient care the Construction Manager and Superintendent are required to have a minimum of five (5) years of construction experience in the past 10 years with projects involving patient care areas. Owner may waive this requirement if sufficient information is provided to confirm competency.
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ARTICLE 46 LOADING DOCK

Contractor will adhere to all provisions outlined in 010000S03 Article 46 of the Medical Center Project Manual for General Contractor.

ARTICLE 47 CONSTRUCTION PATH

Contractor will adhere to all provisions outlined in 010000S03 Article 47 of the Medical Center Project Manual for General Contractor.

ARTICLE 48 HOSPITAL PROJECT PROCEDURE

Contractor will adhere to all provisions outlined in 010000S03 Article 48 of the Medical Center Project Manual for General Contractor.

ARTICLE 49 WORKING HOURS/ACCESS: FOR MEDICAL CENTER/HOSPITAL

Contractor will adhere to all provisions outlined in 010000S03 Article 49 of the Medical Center Project Manual for General Contractor.

ARTICLE 50 SECURITY BADGES AND MEDICAL CENTER SECURITY

Contractor will adhere to all provisions outlined in 010000S03 Article 50 of the Medical Center Project Manual for General Contractor.

ARTICLE 51 HOSPITAL CONSTRUCTION CERTIFICATION

Contractor will adhere to all provisions outlined in 010000S03 Article 51 of the Medical Center Project Manual for General Contractor.

ARTICLE 52 APPEARANCE

Contractor will adhere to all provisions outlined in 010000S03 Article 52 of the Medical Center Project Manual for General Contractor.

ARTICLE 53 HIPAA (The Health Insurance Portability and Accountably Act)
Contractor will adhere to all provisions outlined in 010000S03 Article 53 of the Medical Center Project Manual for General Contractor.

ARTICLE 54 SAFETY & FIRE PROCEDURES

(MARK AS "NOT USED" AND DELETE THE FOLLOWING IF THE MEDICAL CENTER PROJECT MANUAL IS NOT APPLICABLE ON THIS PROJECT.)

Contractor will adhere to all provisions outlined in 010000S03 Article 54 of the Medical Center Project Manual for General Contractor.

ARTICLE 55 INTERIM LIFE SAFETY MEASURES (ILSM)

(MARK AS "NOT USED" AND DELETE THE FOLLOWING IF THE MEDICAL CENTER PROJECT MANUAL IS NOT APPLICABLE ON THIS PROJECT.)

Contractor will adhere to all provisions outlined in 010000S03 Article 55 of the Medical Center Project Manual for General Contractor.

ARTICLE 56 TREE PROTECTION STANDARDS

Contractor will adhere to all provisions outlined in 010000S02 Tree Protection Standards.
SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO
HYDRONIC CHILLED WATER, STEAM GENERATION AND ALL
INTERRUPTED DURING THIS PROJECT.

EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL
WORK ON THE CHILLED WATER PIPING SYSTEM SHALL BE
REVISIONS

OR ANY OTHER FORMAT - IN WHOLE, OR IN
C. I
ASSOCIATED CONDENSATE, ETC., WILL BE AFFECTED AND
INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING
D.

THE PROJECT.  THE CLIENT AGREES NOT TO

EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL
WORK ON THE CHILLED WATER PIPING SYSTEM SHALL BE

OTHERS WITHOUT THE PRIOR WRITTEN

PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING PLUMBING
201508.01

PHASE 3 - CONSTRUCTION DOCUMENTS
RENOVATE AMBULATORY CARE FACILITY
SECOND FLOOR - MEDICINE CLINIC

COPYRIGHT 2018 - JRA, INC.

REPLACE OR MOVED DURING THIS PROJECT.  THE CONTRACTOR

THREE ADDENDUMS
ADDITIONAL INFORMATION: ADDENDUMS ARE PHASE SPECIFIC.
ADDENDUMS IDENTIFIED FOR PHASES "A", "B", "C" OR "D" ARE SPECIFIC TO

THE ONLY ADDENDUM APPLICABLE TO THE WORK TO BE PERFORMED
IN ANY PHASE "A", "B", "C" OR "D".
ADDITIONAL INFORMATION: ADDENDUMS ARE PHASE SPECIFIC.
ADDENDUMS IDENTIFIED FOR PHASES "A", "B", "C" OR "D" ARE SPECIFIC TO

THE ONLY ADDENDUM APPLICABLE TO THE WORK TO BE PERFORMED
IN ANY PHASE "A", "B", "C" OR "D".
SECOND FLOOR - MEDICINE CLINIC
2429 Members Way Lexington, Kentucky 40504 859.253.0892

THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO

THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO

1 ADDENDUM#2 4/23/18
TO OR REUSE OF THE ELECTRONIC FILES
WAY FROM ANY UNAUTHORIZED CHANGES
PART, FOR ANY PURPOSE OTHER THAN FOR

COPYRIGHT 2018 - JRA, INC.
**PHASING NOTE:**

- All services and equipment to be installed by the contractor.
- Temporary piping and valves to maintain all services.
- Contractor to coordinate all phasing.
- Interrupted during this project.
- Contractor to ensure no unauthorized changes to or reuse of the electronic files.
- Contractor to check all work.
- Contractor to ensure work is operational at 6AM every morning.
- Contractor to ensure all work is tested and fully and reliably functional prior to leaving the site.

---

**Drawings:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Addendum #2</td>
<td>4/23/18</td>
</tr>
</tbody>
</table>

---

**Contract Details:**

- Contractor agrees to perform the work.
- Contractor agrees to coordinate all phasing.
- Contractor agrees to ensure all work is tested and fully and reliably functional prior to leaving the site.
- Contractor agrees to notify the owner and applicable utilities of completed work.
- Contractor agrees to ensure work is operational at 6AM every morning.
- Contractor agrees to ensure all work is tested and fully and reliably functional prior to leaving the site.

---

**Renovation Plan:**

- Renovate ambulatory care facility second floor - medicine clinic.
- Contractor to coordinate all phasing.
- Contractor to ensure all work is tested and fully and reliably functional prior to leaving the site.
- Contractor to notify the owner and applicable utilities of completed work.
- Contractor to ensure work is operational at 6AM every morning.
- Contractor to ensure all work is tested and fully and reliably functional prior to leaving the site.

---

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---

**Location:**

- 2429 Members Way Lexington, Kentucky 40504 859.253.0892

---

**Contact:**

- Michael E. Way from JRA Architects has retained an architect from E. Way for their project. The project interfaces extensively with existing building services. The second floor - medicine clinic will be renovated. The contractor is responsible for providing any and all services and equipment. The contractor will install all new services and equipment and have them tested and fully and reliably functional prior to leaving the site. The contractor will coordinate all phasing. The project will be interrupted during this project. Other claims will be further agreed to waive all claims. The contractor will document all work performed beginning in December and completed in 201508.01.
PHASING NOTE:

ALL WORK ABOVE THE FIRST FLOOR CEILING IS TO BE PERFORMED DURING NON-OPERATIONAL HOURS FOR ALL AREAS THAT ARE SERVED BY THIS PIPING. PIPING TO BE ACTIVE DURING OPERATIONAL HOURS.

BARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, PROVIDE LINE SIZE ISOLATION VALVES, WHETHER SHOWN ON DRAWINGS. THE CLIENT AGREES NOT TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO 

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ANY AND ALL SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO

EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICES. THE CONTRACTOR SHALL COORDINATE ALL WORK ON THE CHILLED WATER PIPING SYSTEM SHALL BE 

THE PROJECT. THE CLIENT AGREES NOT TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE 

CONSENT OF THE ARCHITECT. THE CLIENT 

THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO THE PROJECT. THE CLIENT AGREES NOT TO 

REUSE THESE DRAWINGS - IN ELECTRONIC VERSION OF THESE 

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ANY AND ALL 

ABOUT THIS PHASING INTERFACES EXTENSIVELY WITH EXISTING BUILDING PLUMBING PIPING. AS AN 

EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN 

MEDICAL CLINIC, UNIVERSITY OF KY, LEXINGTON, KY 

RENOVATE AMBULATORY CARE FACILITY 

SECOND FLOOR - MEDICINE CLINIC 

SECOND FLOOR PLUMBING DEMOLITION PLAN-PHASE 2

PLUMBING DEMOLITION PLAN - SECOND FLOOR PHASE 2
GENERAL NOTES (POWER):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAYOUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RUN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPGRADE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100/210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/Maintenance CLEARANCES OF EQUIPMENT BY OTHER TRADES.

F. COORDINATE ALL RECEPTICLE LOCATIONS IN EXAM ROOMS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN. SOME EXAM ROOM SINK PIPING NEEDS TO RUN HORIZONTAL IN WALLS.

G. REFER TO SHEET E-402 FOR EMERGENCY PANEL 'ED'.

TAGGED NOTES

E6 6 RUNS OF 4#6, 1#10 GROUND IN 1" CONDUIT BETWEEN FAN OVERLOAD CONTROL PANEL AND FAN ARRAY MOTORS. E7 ELECTRICAL PROVIDE LIGHTING SCHEDULE FOR PATIENT MEDICATION. E8 PROVIDE LIGHTING SCHEDULE FOR PATIENT MEDICATION. E9 ELECTRICAL, PROVIDE VFD-S, PANEL S6 PROVIDE AND INSTALL NEW DUCT SMOKE DETECTOR FOR SUPPLY DUCT AT NEW SUPPLY FAN. S5 PROVIDE AND INSTALL NEW DUCT SMOKE DETECTOR FOR SUPPLY DUCT AT NEW SUPPLY FAN.
FOR THE PROJECT TITLED:

RENOVATE AMBULATORY CARE FACILITY – MEDICINE CLINIC
Kentucky Clinic Med Plaza, University of Kentucky
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
3225 Summit Square Place, Suite 200
Lexington, KY 40509

Project Contact: Les Olson, AIA, LEED AP

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated March 23, 2018.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

GENERAL ITEMS:

ITEM NO. 2.01
Refer to the First Floor Logistics Plan. In lieu of what is indicated, a 30 cubic yard dumpster may be placed next to the MDS building next to the dock. See pink sketches on images below for approximate locations.
ITEM NO. 2.012
Refer to the Second Floor Logistics Plan. In lieu of what is indicated, the parking garage may be used for material delivery and disposal, as long as this work occurs between the hours of 7:30 p.m. and 5:30 a.m. A chute or other means of directing waste items to the dumpster must be employed to protect pedestrians below. Access to the dock must also be maintained at all times.

ITEM NO. 2.03
Refer to the Special Conditions and the Medical Center Project Manual for General Contractor, as well as the Second Floor Demolition Plan. In addition to what is stated regarding noisy work, due to the nature of the procedures occurring in the clinic above the Second Floor Work area, the attachment of any item to the third floor slab must be performed after hours or on the weekend. This applies to the entire second floor Work Area.

ARCHITECTURAL ITEMS:

ITEM NO. 2.04
Refer to Specification Section 064023 “Interior Architectural Woodwork.”

Replace paragraph 1.5.C with the following:
C. Woodwork Quality Standard Compliance Certificates: Provide fabricator’s current AWI Quality Certification Program Q-accreditation certificate showing fabricator’s qualifications for types of work indicated.

Delete paragraph 1.6.D.1. AWI labels and certificates for built products are not required.

ITEM NO. 2.05
Refer to Specification Section 095113 “Acoustical Panel Ceilings” in the Project Manual. Delete paragraphs 3.3.E and 3.3.F.

ITEM NO. 2.06
Delete Section 083411 – “Sliding Aluminum Track Doors” from the Project Manual

ITEM NO. 2.07
Refer to the Demolition Plan and the Second Floor Phasing Plan - Existing. Clarification to what is indicated on the Demolition Plan for the Work Area: flooring removal will not be required in the Phase 1 area shown on A/G-105, as the Owner will remove the flooring during abatement procedures.

**ITEM NO. 2.08**
Refer to the Interior Elevations, the Wall Protection Plan, B/A-561 and the Midmark Shop Drawings included in the Project Manual. Clarification: In addition to what is indicated on B/A-561 and the Midmark Shop Drawings, where exam room cabinets occur at corners, Midmark will likely provide filler strips. In those instances, the wall protection shall align with the side of the cabinet.

**ITEM NO. 2.09**
Refer to the Phasing Plans on G-105. Two portions of existing wall are indicated to remain between phases 1 and 2 on B/G-105. Extend these two walls to deck with metal framing and drywall on side and seal penetrations to isolate the Phase 1 ceiling plenum from the Phase 2 work area.

**ITEM NO. 2.10**
Delete note G on the “General Notes – Partitions” note schedule. There is no new lead lined gypsum board. There are existing suite separation walls at the adjacent Urology Clinic with lead lining that shall not be disturbed. Refer also to Extra Drawing AD-2-A1 for additional information.

**GENERAL FOR FIRE PROTECTION, PLUMBING, MECHANICAL, & ELECTRICAL ITEMS:**

**ITEM NO. 2.11**
Refer to the all Drawings FP-100 – E-900. Remove “PHASE 3” from titleblock.

**FIRE PROTECTION ITEMS:**

**ITEM NO. 2.12**
Refer to the Fire Protection Specifications Section 210100 – Fire Protection System

1. General shall have the following item added: “I. Refer to Specification Section 200100 – General Provisions – Mechanical, 1. General, 42. Coordination Drawings and Record Drawings for coordination and record drawing requirements from fire protection contractor. It reads in part, the Coordination Drawings shall
indicate (1) systems above ceilings in finished areas, (2) systems supported from the structure in finished areas without ceilings, (3) systems in the mechanical rooms, and (4) all wall, roof, floor penetrations. These drawings shall be 3-D drawings and shall be able to be reviewed with a 3-D software system such as Revit or Navisworks. The contractor shall be responsible for organizing this information and presenting this to the owner for their review in the Kelly building on their Smartboard system. This project is a renovation. The Coordination Drawings shall not be used as fabrication drawings. Each contractor is responsible for coordination of work during installation and shall notify the engineer of conflicts as soon as the conflict is identified. As soon as a conflict is identified, no further work shall be installed until conflict is resolved. Change orders will not be issued for coordination conflicts during installation. Change orders will be issued when the scope of work changes as determined by the engineer.”

PLUMBING ITEMS:

ITEM NO. 2.13
Refer to the Plumbing Drawing Plumbing Legend P-100

A. Refer to Plumbing Fixture P-1: Lavatory model to be Zurn 5340 (remove PED) with 4" backsplash, flow rate of faucet to be 1.5 gpm. Carrier to be Josam Company 17100 (floor mounted concealed arms carrier).
B. Refer to Plumbing Fixture P-2: Provide ProFlo Basket Stainless Steel Strainer PF1431SS. Drain location per owner furnished contractor installed integral sink location.
C. Refer to Plumbing Fixture P-3: Remove reference to continuous waste connection.
D. Refer to Plumbing Fixture P-4: Carrier to be horizontal carrier. 1.6 GPM battery powered flush valve. Remove ZURN ZTR6203 model number.
E. Refer to Plumbing Fixture P-5: Water cooler to be right hand side HI water cooler with cane touch apron.
F. Refer to Plumbing Fixture P-7: Mounting style to be concealed arms. Provide mixing valve with supply checks.
G. Refer to Plumbing Fixture P-9: Tempering valve to be mounted above ceiling with maintenance clearance and accessibility. Hard pipe supply piping all the way to hose to allow for full length hose pull. Provide with hose bracket and reel. Provide unions at mixing valve location.
H. Refer to Plumbing Fixture P-10: Bottle Filler to be ELKAY LZWSM8K.

ITEM NO. 2.14
Replace Sheet P-201 with the revised Sheet P-201 attached to this Addendum.

Summary of revisions:
A. Existing 4” Vent and Sanitary Piping to remain.
B. Added tagged notes 56 and 57.

ITEM NO. 2.15
Replace Sheet P-211 with the revised Sheet P-211 attached to this Addendum.

Summary of revisions:
A. Demolish existing active roof leaders and sanitary piping as indicated on drawings. Provide parallel piping or temporary piping as needed to allow active piping to remain in use during construction.
B. Existing 2” CW, 2” HW, and 1 ¼” HWR piping up from first floor to remain.

ITEM NO. 2.16
Replace Sheet P-212 with the revised Sheet P-212 attached to this Addendum.

Summary of revisions:
A. Demolish existing active roof leaders and sanitary piping as indicated on drawings. Provide parallel piping or temporary piping as needed to allow active piping to remain in use during construction.

B. Demolish existing medical gas piping as indicated on drawings. Provide parallel piping or temporary piping as needed to allow active piping to remain in use during construction.

ITEM NO. 2.17
Replace Sheet P-301 with the revised Sheet P-301 attached to this Addendum.

Summary of revisions:
A. Refer to new sanitary piping routing. Route sanitary piping as high as possible and avoid routing piping over any existing electrical equipment.
B. Provide cleanouts as indicated on drawings.

ITEM NO. 2.18
Replace Sheet P-302 with the revised Sheet P-302 attached to this Addendum.

Summary of revisions:
A. Provide cleanouts as indicated on drawings.
B. Sanitary piping added for new water cooler on second floor. Tie in Sanitary piping in with existing piping located in near restroom. Patch and repair all ceilings to match existing.

ITEM NO. 2.19
Replace Sheet P-311 with the revised Sheet P-311 attached to this Addendum.

Summary of revisions:
A. Refer to new sanitary piping routing. Route sanitary piping as high as possible and coordinate all piping with other trades.
B. Refer to new roof leader piping routing. Route roof leader piping as high as possible and coordinate all piping with other trades.

ITEM NO. 2.20
Replace Sheet P-312 with the revised Sheet P-312 attached to this Addendum.

Summary of revisions:
A. Refer to new sanitary piping routing. Route sanitary piping as high as possible and coordinate all piping with other trades.
B. Refer to new roof leader piping routing. Route roof leader piping as high as possible and coordinate all piping with other trades.
C. New domestic cold-water piping and vent piping for new water cooler at this location. Tie in both domestic cold water and vent piping to existing piping located across corridor. Patch and repair all ceilings to match existing.

ITEM NO. 2.21
Replace Sheet P-400 with the revised Sheet P-400 attached to this Addendum.

Summary of revisions:
A. Provide new trap primer to serve new floor drains in mechanical room.

ITEM NO. 2.22
Replace Sheet P-501 with the revised Sheet P-501 attached to this Addendum.

Summary of revisions:
A. Refer to new cleanout locations.

ITEM NO. 2.23
Replace Sheet P-502 with the revised Sheet P-502 attached to this Addendum.
Summary of revisions:
A. Refer to new cleanout locations.

MECHANICAL ITEMS:

ITEM NO. 2.24
Refer to the Mechanical Specifications. The allowance for controls work on the Northwest AHU has been revised. Refer to attached revised allowance.

ITEM NO. 2.25
Refer to the Mechanical Specifications Section 200100 – General Provisions - Mechanical

1. General, 42. Coordination Drawings and Record Drawings, A. Coordination, Paragraph (3) shall have the following sentence added: "This project is a renovation. All existing structural beams, joists, bracing, etc. shall be identified by the Mechanical Contractor. The Coordination Drawings shall not be used as fabrication drawings. Each contractor is responsible for coordination of work during installation and shall notify the engineer of conflicts as soon as the conflict is identified. As soon as a conflict is identified, no further work shall be installed until conflict is resolved. Change orders will not be issued for coordination conflicts during installation. Change orders will be issued when the scope of work changes as determined by the engineer."

1. General, 42. Coordination Drawings and Record Drawings, A. Coordination, Paragraph (6). Add item “h. Provide all conduit racks that are 4”x4” and above.”

ITEM NO. 2.26
Refer to the Mechanical Drawing Enlarged Mechanical Room Plan-Phase 1 M-600

Provide new airflow monitoring station in 46"Ø supply ductwork leaving Northwest air handling unit. New airflow monitoring station shall be volu-probe type airflow measurement traverse probe.

ITEM NO. 2.27
Refer to the Mechanical Drawing Mechanical Details M-800

Refer to the Chilled Water Coil Piping Schematic-NW and NE AHU detail. The two-way control valves for the Northwest AHU and the Northeast AHU are to be provided by the controls contractor and installed by the mechanical contractor.

ELECTRICAL ITEMS:

ITEM NO. 2.28
Refer to the Electrical Specifications Section 260501 – General Provisions

1. General shall have the following item added: "L. Refer to Specification Section 200100 – General Provisions – Mechanical, 1. General, 42. Coordination Drawings and Record Drawings for coordination and record drawing requirements from electrical contractor. It reads in part, the Coordination Drawings shall indicate (1) systems above ceilings in finished areas, (2) systems supported from the structure in finished areas without ceilings, (3) systems in the mechanical rooms, and (4) all wall, roof, floor penetrations. These drawings shall be 3-D drawings and shall be able to be reviewed with a 3-D software system such as Revit or Navisworks. The contractor shall be responsible for organizing this information and presenting this to the owner for their review in the Kelly building on their Smartboard system. This project is a renovation. The Coordination Drawings shall not be used as fabrication drawings. Each
contractor is responsible for coordination of work during installation and shall notify the engineer of conflicts as soon as the conflict is identified. As soon as a conflict is identified, no further work shall be installed until conflict is resolved. Change orders will not be issued for coordination conflicts during installation. Change orders will be issued when the scope of work changes as determined by the engineer.” Note that Item #2 of this addendum adds requirements that coordination drawings shall include all conduit racks that are 4”x4” and above.

**ITEM NO. 2.29**
Replace Sheet E-900 with the revised Sheet E-900 attached to this Addendum.

Summary of revisions:
A. Added circuit for new trap primer in mechanical room, fed from panel 1 in the mechanical room.
A LEAD LINED WALLS AT UROLOGY SUITE

1/4" = 1'-0"

B INFORMATION CONSOLE LOCATION

1/4" = 1'-0"
PROPOSAL FOR CONTROL SYSTEM

[This proposal is valid for 30 Days]

Date: January 10, 2018
Project Name: University of Kentucky AHU-NW Supply Air – Chilled Water Upgrade
Proposal Name: UK-AHU-NWUpgrade, 1-10-18, Budget, Rev1
Manufacturer: Alerton BACnet DDC Control System

ECT Services Inc. Project Estimator:

SCOPE:

A. Furnish and install the Following:
   1. Monitoring of Supply Air Flow. ECT Services to provide and install the air flow monitoring station probes into the new 46" round supply air duct per manufacturer requirements. ECT Services to integrate the new AFMS into the existing Alerton controller. ECT Services to remove the existing supply air flow monitoring station.
   2. Monitoring and Control of the new Supply Air Fan array (Total 60 HP). ECT Services to provide and install the new REDUNDENT Variable Frequency Drive in NEMA 12 enclosure. ECT Services to integrate the new VFD drive into the existing Alerton controller. Removal of the existing VFD drive by others. All line voltage wiring and conduit to be provided and installed by others.
   3. Monitoring and Control of the new chilled water coil. ECT Services to provide the new 6" 2 way Modulating control valve that will be installed by others – see section "C" below. ECT Services to provide and install new Freezeastat temperature sensor onto the new chilled water coil and integrate into the existing Alerton controller
   4. ECT Services to provide one (1) 2 way 6" chilled water modulating control valve for the NE AHU only that will be installed by others - see section "C" below
   5. ECT Services to provide assistance during the commissioning of the new modifications above as needed
   6. ECT Services to provide assistance as required to the IT department for addition on the modifications above
   7. All low voltage control wiring to be provided and installed in EMT Conduit
   8. ECT Services to provide sixteen (16) hours of training for the new modified control system and materials

B. Equipment Supplied by Others but installed or controlled by ECT Services:
   1. NONE

C. Equipment Supplied by ECT Services to be installed by Others:
   1. Two (2) 6" 2 way control valve with modulating actuator and bronze trim

Acknowledgement: Addendums – 0 Alternates – 0 Allowances – 0
PROPOSAL FOR CONTROL SYSTEM

[This proposal is valid for 30 Days]

Assumptions:
1. All work to be performed during normal business hours (Monday-Friday 7:30AM to 4:30PM)

Excluded:
1. Cutting, patching, painting, trenching
2. Demolition
3. Gauges, thermometers
4. Well Taps
5. Duct smoke detectors and fire/smoke dampers including power wiring
6. Lighting Control systems
7. Field Addressing and Programming of Manufacturer Provided Controller and System

ECT Services, Inc. BASE BID BUDGET PRICE $62,076.00
Terms: Net 30 Days

Accepted By: __________________________
Company: __________________________
Address: __________________________

Signed: __________________________
Title: __________________________
PO #: __________________________
Date: __________________________

Offered By: ECT Services, Inc.
Address: 1501 South Preston Street
Louisville, KY 40217
502.636.2402

Representative: __________________________
Title: __________________________
Email: __________________________

UK-AHU NW Upgrade, 1-10-18, Budget
1.0 Controlling Terms & Conditions: This Agreement, upon Customer’s acceptance, is made solely on the terms and conditions stated herein, despite any additional or conflicting terms and conditions which may be contained in any purchase order or other form of Customer, all of which additional or conflicting terms are hereby rejected by ECT Services, Inc. (“ECT”) and ECT Fire Services, LLC. (“ECT Fire”). No waiver of or modification to these terms and conditions shall be valid unless made in writing and signed by representatives of each party.

2.0 Scope of Services: ECT and ECT Fire has expertise and experience with designing, developing, installing, programming, training, and commissioning commercial building automation systems (BAS), commercial building security systems, and integrating various building systems through the use of appropriate technologies. In addition, ECT and ECT Fire has experience in application development, computer programming, software development, building systems analysis, consulting, technical support and other specialized technical services related to building technology systems (“Services”). ECT and/or ECT Fire shall provide Services to each customer (“Customer”) that (i) accepts ECT or ECT Fire’s quote or proposal in writing or via e-mail, (ii) executes a separate agreement with ECT and/or ECT Fire, or (iii) makes any payment to ECT or ECT Fire on account of Services (any such Customer, having done any of the foregoing, being deemed to have signed an agreement (“Agreement”), which shall be deemed, in all cases, to include the terms and conditions set forth herein). Each Agreement shall stipulate the exact details of Services to be provided, all of which shall be governed by and subject to the terms and conditions set forth below. These terms and conditions shall be deemed to be incorporated by reference into each Agreement.

2.1 Additional Services/Materials: Additional ECT or ECT Fire Services. Upon request by Customer, ECT and/or ECT Fire agrees to negotiate in good faith with Customer with respect to providing additional maintenance, support, hosting, integration or other services with respect to the Services for Customer that will be outside of the scope of the Agreement. These additional services may, in certain instances, be subject to additional terms and conditions. As work progresses, there may be a need for additional repairs or material which could not be anticipated at the time this Agreement was entered into. ECT and/or ECT Fire shall notify Customer, in writing, of the description and price for such additional work or material, and if Customer authorizes ECT and/or ECT Fire to proceed with the additional work or materials, the contract price shall be accordingly adjusted. If Customer does not authorize additional work or materials, the Customer shall pay ECT and/or ECT Fire for the services performed and the material furnished.

2.2 Out-of-area Services: If Services are to be provided at Customer’s facilities that are outside of Greater Louisville, KY area, the Customer shall, in advance of Services performed, pay reasonable expenses for accommodations, travel, and such other reasonable costs as are incurred by ECT and/or ECT Fire in connection with the provision of such Services per the Professional Services Standard Rate Schedule. ECT and/or ECT Fire shall use its best efforts to estimate the amount of such reasonable expenses in advance of providing such Services, and Customer shall pay to ECT or ECT Fire within thirty (30) days of receipt of the amount of such estimate. Within thirty (30) days after such Services have been provided, Customer shall pay to ECT or ECT Fire such additional reasonable amount as shall be due for such expenses, or ECT or ECT Fire shall reimburse Customer for any overpayment.

2.3 ECT and/or ECT Fire does not undertake an obligation to inspect for compliance with laws or regulations unless specifically stated in the agreed Scope of Services.

3.0 Proposal Price Term: The proposal contract price herein for periodic maintenance service, parts, labor, materials, products, time and material services, project pricing, or any other proposal content provided by ECT and/or ECT Fire is valid for thirty (30) days from the date of this proposal. A purchase order or letter of intent must be provided prior to thirty (30) days from the date of this proposal. If a letter of intent or purchase order is provided beyond thirty (30) days from the date of this proposal, there is no guarantee the pricing provided will be honored and this proposal will be considered null and void.

4.0 Confirmation: ECT and/or ECT Fire shall, within forty-eight (48) hours of the receipt of Buyer’s purchase order, verbally or in writing, accept or reject such orders.

5.0 Renewal and Cancellation: Either party may cancel this agreement at any time with 60 day written notification. This agreement shall be automatically renewed from year to year thereafter unless either party shall notify the other in writing not later than 30 days prior to the date of termination that it wishes to terminate or modify this Agreement for any reason. Notification of intent to modify shall include the substance of the modifications desired. In the event that such notice is given, those provisions not reopened shall automatically renew from year to year.

6.0 Terms of Payment: Net thirty (30) days from the date of ECT and/or ECT Fire’s invoice to the Customer. Interest at the rate of 2% per month (or the highest interest rate allowed by applicable law, if lower) will be charged after the 30-day period until payment is received. Customer shall pay all costs of collection incurred by ECT and/or ECT Fire including, but not limited to, reasonable attorneys’ fees, collection agency fees and court costs. ECT and/or ECT Fire, in its discretion, may suspend all further services hereunder if Customer’s payment is more than 30 days overdue. Partial invoices may be submitted for any portion of completed work and/or delivered materials. A $25.00 fee will be charged for any returned checks or insufficient funding from credit card payments.

7.0 Taxes: Customer shall pay to ECT and/or ECT Fire, in addition to the contract price, all sales, use, excise, privilege or other taxes imposed by any local, state or federal taxing authority payable by ECT and/or ECT Fire in connection with the services or materials furnished hereunder.

8.0 Refrigerant: Any costs, fees and expenses arising from or incurred in anticipation of any statute, rule or regulation requiring the use of refrigerant other than the type being used by Customer shall be borne solely by Customer, and ECT and/or ECT Fire shall not bear any expense in connection with the modification, removal, replacement or disposal of any refrigerant pursuant to any such legal requirements.

9.0 Warranties and Limitation of Liability: ECT and/or ECT Fire extends to the Customer the same warranty that ECT or ECT Fire receives on parts or components furnished by others to ECT of ECT Fire. ECT and ECT Fire also warrants that the labor it provides hereunder will be performed in a professional and workmanlike manner in accordance with industry standards. In addition, each party represents and warrants to the other party that it has the right and authority to enter into this Agreement and to perform its obligations hereunder, that the granting of the rights and undertaking of the obligations hereunder will not infringe upon or conflict with any rights of a third party, and that its performance hereunder will not violate any applicable U.S. laws and government rules and regulations. No claim for defective workmanship may be brought unless Customer provides ECT and/or ECT Fire with written notice of such defect within ninety (90) days from the date such services are performed. ECT and ECT Fire MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT FOR THE SERVICES, THAT
10. Confidential Information: Either party may receive or have access to technical information, as well as information about product plans and strategies, promotions, customers and related non-technical business information which the disclosing party considers to be confidential ("Confidential Information"). In the event such information is disclosed, the parties shall first agree to disclose and receive such information in confidence. If then disclosed, the information shall (i) be marked as confidential at the time of disclosure, or (ii) if disclosed orally but stated to be confidential, be designated as confidential in writing by the disclosing party summarizing the Confidential Information disclosed and sent to the receiving party within a reasonable period of time after such oral disclosure. Notwithstanding any provision to the contrary, all source code provided confidential, be designated as confidential in writing by the disclosing party summarizing the Confidential Information disclosed and sent to the receiving party within a reasonable period of time after such oral disclosure. Notwithstanding any provision to the contrary, all source code provided confidential, be designated as confidential in writing by the disclosing party summarizing the Confidential Information disclosed and sent to the receiving party within a reasonable period of time after such oral disclosure. Notwithstanding any provision to the contrary, all source code provided confidential, be designated as confidential in writing by the disclosing party summarizing the Confidential Information disclosed and sent to the receiving party within a reasonable period of time after such oral disclosure. 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12.0 License: All trademarks, patents, copyrights and other intellectual property rights owned by either party on the date hereof shall continue to be owned solely by such party, and nothing herein shall be deemed to confer any rights to any such intellectual property on the other party. Customer represents and warrants that none of the content, materials or data provided by Customer to ECT and/or ECT Fire with respect to the project infringes the intellectual property or other proprietary rights of any third party, and ECT and/or ECT Fire shall have no liability for any claims arising out of or relating to any such Customer content, including claims based on infringement. With respect to any ECT and/or ECT Fire software, source code, object code or other intellectual property contained in or otherwise provided as a deliverable under the Agreement ("ECT Technology"). ECT and/or ECT Fire hereby grants Customer, so long as Customer has paid all fees due and owing to ECT and/or ECT Fire hereunder, a perpetual and non-exclusive right and license to use the ECT Technology solely to the extent required and described in the Agreement and accompanying documents. It is understood that neither Customer, nor any of its subsidiaries or affiliates, may use any ECT Technology for commercial resale or sublicense in any form or medium.

12.1 Customer Content: Customer accepts full responsibility for the content posted at Customer's Covered Systems, whether or not they are web based, residing on an intranet or accessible on or through the internet, and any grievances brought by a third party arising as result of this content, either in the United States or any other countries, will be the sole responsibility of Customer. Additionally, ECT and/or ECT Fire will take no responsibility whatsoever for the content of third party websites accessible via links posted at Customer's Covered Systems. If ECT and/or ECT Fire deems any content Customer wishes to include on its Covered Systems as pornographic, meant to cause extreme offense or illegal in any way, ECT and/or ECT Fire reserves the right to refuse to continue with the project and no refunds shall be due and owing to Customer.

12.2 Display of Work: Unless instructed otherwise in writing before publishing Customer's Covered System displays, whether on an intranet or on the Internet, ECT and/or ECT Fire reserves the right to include a small, subtle text reference to ECT's website and contact information from Customer's system designed and developed by ECT and/or ECT Fire. The text will read 'Design – ECT Services, Inc.' or 'Design – ECT Fire Services, LLC. and will be included in the copyright line at the bottom of Customer's pages. ECT and/or ECT Fire reserves the right to display or exhibit any final product(s) to other potential Customers except where doing so may violate any confidentiality agreements which may be in force.

13.0 Governing Law: This Agreement shall be governed by and construed in accordance with the laws of the State of Kentucky.

14.0 Terms and Conditions Governing Alarm Monitoring Service: Customer agrees and acknowledges that ECT and/or ECT Fire's sole and only obligation shall be to provide alarm monitoring, notification, and/or runner services as set forth in the Agreement and to endeavor to notify the party(ies) identified by Customer on the Contact/Call List ("Contacts") and/or Local Emergency Dispatch Numbers for responding authorities. Upon receipt of an alarm signal, ECT and/or ECT Fire may, at our sole discretion, attempt to notify the Contacts to verify the signal is not false. If we fail to notify the Contacts or question the response we receive, we will attempt to notify the responding authority. In the event ECT and/or ECT Fire receives a supervisory signal or trouble signal, ECT and/or ECT Fire shall endeavor to promptly notify one of the Contacts. ECT and/or ECT Fire shall not be responsible for a Contact's or responding authority's refusal to acknowledge/respond to ECT and/or ECT Fire's notifications of receipt of an alarm signal, nor shall ECT and/or ECT Fire be required to make additional notification because of such refusal. The Contacts are authorized to act on Customer's behalf and, if so designated on the Contact/Call List, are authorized to cancel an alarm prior to the notification of authorities. Customer understands that local laws, ordinances or policies may restrict ECT and/or ECT Fire's ability to provide the alarm monitoring and notification services described in the Agreement and/or necessitate modified or additional services and related charges to Customer. Customer understands that ECT and/or ECT Fire may employ a number of industry-recognized measures to help reduce occurrences of false alarm signal activations. These measures may include, but are not limited to, implementation of industry-recognized default settings; implementation of "partial clear time bypass" procedures at our alarm monitoring center and other similar measures at our sole discretion from time to time. THESE MEASURES CAN RESULT IN NO ALARM SIGNAL BEING SENT FROM AN ALARM ZONE IN CUSTOMER'S PREMISES AFTER THE INITIAL ALARM ACTIVATION UNTIL THE ALARM SYSTMS IS MANUALLY RESET. Upon receiving notification from ECT and/or ECT Fire that a fire or gas detection (e.g. carbon monoxide) signal has been received, the responding authority may forcibly enter the premises. Cellular radio unit test supervision, if provided under this Agreement, provides only the status of the cellular radio unit's current signaling ability at the time of the test communication based on certain programmed intervals and does not serve to detect the potential loss of radio service at the time of an actual emergency event. ECT and/or ECT Fire shall not be responsible to provide monitoring services under this Agreement unless and until the communication link between Customer's premises and ECT and/or ECT Fire's Monitoring Center has been tested.

14.1 Customer shall regularly test the System(s) in accordance with applicable law and manufacturers’ and ECT and/or ECT Fire's recommendation. Customer shall promptly notify ECT and/or ECT Fire of any malfunction in the Covered System(s) which comes to the Customer's attention.

14.2 In the event of an emergency or Covered System(s) failure, Customer shall take reasonable precautions to protect against personal injury, death, and/or property damage and continue such measures until the Covered System(s) are operational.

14.3 Customer agrees to furnish the names and telephone numbers of all persons authorized to enter or remain on Customer's premises and that should be notified in the event of an alarm (The Contact/Call List) and Local Emergency Dispatch Numbers and provide all changes, revision and modification to the above to ECT and/or ECT Fire in writing in a timely manner. Customer shall notify ECT and/or ECT Fire of any changes, revision and modification to the above to ECT and/or ECT Fire in writing in a timely manner. Customer shall promptly reset the System after any activation.

14.4 Customer shall carefully and properly test and set the system immediately prior to the securing of the premises and carefully test the system in a manner prescribed by ECT and/or ECT Fire during the term of this Agreement. Customer agrees that it is responsible for any losses or damages due to malfunction, miscommunication or failure of Customer's system to accurately handle, process or communicate data. If any defect in operation of the System develops, or in the event of a power failure, interruption or telephone service, or other interruption at Customer's premises of signal or data transmission through any media, Customer shall notify ECT and/or ECT Fire immediately. If space/interior protection (i.e. ultrasonic, microwave, infrared, etc.) is part of the System, Customer shall walk test the system in the manner recommended by ECT and/or ECT Fire.

14.5 When any device or protection is used, including, but not limited to, space protection, which may be affected by turbulence of air, occupied airspace change or other disturbance, forced air heaters, air conditioners, homes, bells animals and any other sources of air turbulence or movement which may interfere with the effectiveness of the System during closed periods while the alarm system is on, Customer shall notify ECT and/or ECT Fire.

14.6 Customer shall promptly reset the System after any activation.

14.7 Customer shall notify ECT and/or ECT Fire regarding remodeling or other changes to the protected premises that may affect operation of the system.

14.8 Customer shall follow all instruction and procedures which may be prescribed for the operation of the system, the rendering of services and the provision of security for the premises.
14.9 Customer shall pay all charges made by any telephone or communication provider company or other utility for installations, leasing, and service charges of telephone lines connecting Customer’s premises to ECT and/or ECT Fire. Customer acknowledges that alarm signals from Customer’s premises to ECT and/or ECT Fire are transmitted over Customer’s telephone or other transmission service and that in the event the telephone or other transmission service is out of order, disconnected, place on “vacation”, or otherwise interrupted, signals from Customer’s alarm system will not be received by ECT and/or ECT Fire, during any such interruption in telephone or other transmission service and the interruption will not be known to ECT and/or ECT Fire.

15.0 Communication Facilities:

15.1 Digital Communicator. Customer understands that a digital communicator (DACT), if installed under this Agreement, uses traditional telephone lines for sending signals which eliminate the need for a dedicated telephone line and the costs associated with such dedicated lines.

15.2 Derived Local Channel. The Communication Company’s services provided to Customer in connection with the Services may include Derived Local Channel service. Such service may be provided under the Communication Company’s service marks or service names. These services include providing lines, signal paths, scanning and transmission.

15.3 CUSTOMER UNDERSTANDS THAT ECT AND/OR ECT FIRE WILL NOT RECEIVE ALARM SIGNALS WHEN THE TELEPHONE LINE OR OTHER TRANSMISSION MODE IS NOT OPERATING OR HAS BEEN CUT, INTERFERED WITH OR IS OTHERWISE DAMAGED OR IF THE ALARM SYSTEM IS UNABLE TO ACQUIRE, TRANSMIT OR MAINTAIN AN ALARM SIGNAL OVER CUSTOMER’S TELEPHONE SERVICE FOR ANY REASON INCLUDING NETWORK OUTAGE OR OTHER NETWORK PROBLEMS SUCH AS CONGESTION OR DOWNTIME, ROUTING PROBLEMS, OR INSTABILITY OF SIGNAL QUALITY. CUSTOMER UNDERSTANDS THAT OTHER PROBABLE CAUSES OF SUCH A FAILURE OVER CERTAIN TELEPHONE SERVICES (INCLUDING BUT NOT LIMITED TO SOME TYPES OF DSL, ADSL, VOIP, DIGITAL PHONE, INTERNET PROTOCOL BASED PHONE OR OTHER INTERNET INTERFACE-TYPE SERVICE OR RADIO SERVICE, INCLUDING CELLULAR OR PRIVATE RADIO, ETC. ("NON-TRADITIONAL TELEPHONE SERVICE")) INCLUDE BUT ARE NOT LIMITED TO: (1) LOSS OF NORMAL ELECTRIC POWER TO CUSTOMER’S PREMISES (THE BATTERY BACK-UP FOR THE ALARM PANEL DOES NOT POWER TELEPHONE SERVICE); AND (2) ELECTRONICS FAILURES SUCH AS A MODEM MALFUNCTION.

CUSTOMER UNDERSTANDS THAT ECT AND/OR ECT FIRE WILL NOT ONLY REVIEW THE INITIAL COMPATIBILITY OF CUSTOMER’S ALARM SYSTEM WITH NON-TRADITIONAL TELEPHONE SERVICE AT THE TIME OF INITIAL CONNECTION TO ECT AND/OR ECT FIRE MONITORING CENTERS. IF ECT AND/OR ECT FIRE DETERMINES IN ITS SOLE DISCRETION THAT IT IS COMPATIBLE, ECT AND/OR ECT FIRE WILL PERMIT CUSTOMER TO USE NON-TRADITIONAL TELEPHONE SERVICE AS THE SOLE METHOD OF TRANSMITTING ALARM SIGNALS, ALTHOUGH CUSTOMER UNDERSTANDS THAT ECT AND/OR ECT FIRE RECOMMENDS THE USE OF AN ADDITIONAL BACK-UP METHOD OF COMMUNICATION TO CONNECT CUSTOMER’S ALARM SYSTEM TO THE MONITORING CENTER REGARDLESS OF THE TYPE OF TELEPHONE SERVICE USED.

CUSTOMER ALSO UNDERSTANDS THAT IF ECT AND/OR ECT FIRE DETERMINES IN ITS SOLE DISCRETION THAT CUSTOMER’S NON-TRADITIONAL TELEPHONE SERVICE IS OR LATER BECOMES NON-COMPATIBLE, OR IF CUSTOMER CHANGES TO ANOTHER NON-TRADITIONAL TELEPHONE SERVICE THAT IS NOT COMPATIBLE, THEN ECT AND/OR ECT FIRE REQUIRES THAT CUSTOMER USE AN ALTERNATE METHOD OF COMMUNICATION ACCEPTABLE TO COMPANY AS THE PRIMARY METHOD TO CONNECT CUSTOMER’S ALARM SYSTEM TO THE MONITORING CENTER.

CUSTOMER UNDERSTANDS THAT TRANSMISSION OF FIRE AND BURGLAR ALARM SIGNALS BY MEANS OTHER THAN A TRADITIONAL TELEPHONE LINE MAY NOT BE IN COMPLIANCE WITH FIRE OR BURGLAR ALARM STANDARDS OR SOME LOCAL FIRE OR BURGLAR CODES, AND THAT IT IS CUSTOMER’S OBLIGATION TO COMPLY WITH SUCH STANDARDS AND CODES.

CUSTOMER ALSO UNDERSTANDS THAT IF THE ALARM SYSTEM HAS A LINE CUT FEATURE, IT MAY NOT BE ABLE TO DETECT IF A NON-TRADITIONAL TELEPHONE SERVICE LINE IS CUT OR INTERRUPTED, AND THAT ECT AND/OR ECT FIRE MAY NOT BE ABLE TO PROVIDE CERTAIN AUXILIARY MONITORING SERVICES THROUGH A NON-TRADITIONAL TELEPHONE LINE OR SERVICE. CUSTOMER FURTHER UNDERSTANDS THAT THE ALARM PANEL MAY BE UNABLE TO SEIZE THE PHONE LINE TO TRANSMIT AN ALARM SIGNAL IF ANOTHER CONNECTION IS OFF THE HOOK DUE TO IMPROPER CONNECTION OR OTHERWISE.

16.0 Verification/ Runner Service: Some jurisdictions may require alarm verification by telephone or on-site verification (Runner Service) before dispatching emergency services. In the event that a requirement of alarm verification becomes effective after the date of this Agreement, such services may be available at an additional charge. ECT and/or ECT Fire shall not be held liable for any delay or failure of dispatch of emergency services arising from such verification. Where Runner Service is indicated, such services may be provided by a third party. ECT AND/OR ECT FIRE WILL NOT ARREST OR DETAIN ANY PERSON.

17.0 Personal Emergency Response Service: If the Customer has selected Personal Emergency Response Services, Customer agrees that the very nature of Personal Emergency Response Services, irrespective of any delays, involves uncertainty, risk and possible serious injury, disability or death, for which ECT and/or ECT Fire should not under any circumstances be held responsible or liable; that the equipment furnished for Personal Emergency Response services in not foolproof and may experience signal transmission failures or delays for any number of reasons, whether or not our fault or under ECT and/or ECT Fire’s control; that the actual time required for medical emergency providers to arrive at the premises and/or to transport any person requiring medical attention is unpredictable and that many contributing factors, including but not limited to such things as telephone network operation, distance, weather, road and traffic conditions, alarm equipment function and human factors, both with responding authorities and with ECT and/or ECT fire, may affect response.

18.0 System Equipment: If, in ECT and/or ECT Fire’s sole judgment, any peripheral device or other system equipment, which is attached to the Covered System(s), whether provided by ECT and/or ECT Fire, Customer or a third party, interferes with the proper operation of the Covered System(s), Customer shall remove or replace such device or equipment promptly upon notice from ECT and/or ECT Fire. Failure of Customer to remove or replace the equipment shall constitute a material breach of this Agreement. If Customer adds any third party device or equipment to the Covered System(s), ECT and/or ECT Fire shall not be responsible for any damage to or failure of Covered System(s) caused in whole or in part by such device or equipment.
19.0 Remote Service: If Customer selects Remote Service, Customer understands and agrees that, while Remote service provides for communication regarding Customers fire and/or burglar alarm system to ECT and/or ECT Fire via the internet, Remote Service does not constitute monitoring of the system and Customer understands that Remote Service does not provide for ECT and/or ECT Fire to contact the fire department or other authorities in the event of a fire or burglar alarm. The Customer understands that if it wishes to receive monitoring of its fire or burglar alarm system and notification of the fire department or other authorities in the event of a fire or burglar alarm it must select monitoring services as a separate service under this Agreement.

20.0 Taxes, Fees, Fines, Licenses, and Permits: Customer agrees to pay all sales tax, use tax, property tax, utility tax and other taxes required in connection with the equipment and services listed, including telephone company line charges, if any. Customer shall comply with all laws and regulations relating to the equipment and its use and shall promptly pay when due all sales, use, property, excise and other taxes and all permit, license and registration fees now and hereafter imposed by any government body or agency upon the equipment or its use. If Customer fails to maintain any required licenses or permits, ECT and/or ECT Fire shall not be responsible for performing the services and may terminate the services without notice to Customer.

21.0 Outside Charges: Customer understands and accepts that ECT and/or ECT Fire specifically denies any responsibility for charges associated with the notification or dispatching of anyone, including but not limited to fire department, police department, paramedics, doctors, or any other emergency personnel, and if there are any charges incurred as a result of said notification or dispatch, said charges shall be the responsibility of Customer.
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Amend Article 10.3 of the Special Conditions to read:

10.3 With the express purpose of expediting construction and providing the opportunity for cooperation of affected parties, progress meetings will be held and attended by representatives of:

1. The Owner’s Project Manager
2. The Consultant.
3. General Contractor.
4. Sub-contractors.
5. Others requested to attend (as deemed necessary by CPMD).
6. Hospital Representative
7. Medical Center Physical Plant Representative

Amend Article 24.2.1.2 of the Special Conditions to read:

24.2.1.2 SECTION OF A BUILDING OUTAGE

The Owner’s Project Manager is the General Contractor’s contact with the University for requesting Utility Outages. The Owner’s Project Manager will work with PPDMC as outlined below to facilitate the outage. The established standard within the University Departments and Divisions of a section of a building shall be a written request prior to outage in the time frames noted below. The written request shall include the type of utility to be interrupted, when the outage is desired, reason for outage, length of outage, and what will be affected by the outage.

24.2.1.2.a. Minor outages require three working days advance notice. Major outages require a two week minimum notice. Giving such notice does not guarantee the outage will occur on the date requested. (HVAC, RO Water, Security, Pneumatic)

24.2.1.2.b. PPDMC has an Outage Coordinator who will research and record all the pertinent information necessary to schedule the outage. PPD employees, departments, operations, etc. will be notified by the Outage Coordinator about the pending outage.

24.2.1.2.c. The Outage Coordinator will document the work necessary to schedule, noting any difficulties that cannot be solved.

24.2.1.2.d. The Outage Coordinator will schedule the outage and notify contractor. If outage cannot be scheduled, they will notify appropriate parties.

24.2.1.2.e. The Outage Coordinator will make all notifications to affected personnel and will alert the proper staff so necessary preparations can be made within the affected areas.

24.2.1.2.f. When work has been completed, the Outage Coordinator, or his designate, will notify affected personnel that the system is back in service.

24.2.1.2.g. Contractors DO NOT have the authority to turn utilities off or on. This should only be done by the PPDMC Outage Coordinator.

Amend Article 33 of the Special Conditions to read:
ARTICLE 33 EMERGENCY VEHICLE AND FIRE TRUCK ACCESS

33.1 Access to the Medical Center Loading Dock must be maintained during construction for local fire truck access to the fire alarm annunciator panels located adjacent to the loading dock. General Contractor shall coordinate with the local fire department that would respond to an alarm during the initial start up of construction to ensure a complete understanding of their requirements.

The following Articles are in addition to, and take precedence over the provisions of the Special conditions for the Project.

ARTICLE 46 LOADING DOCK

46.1 All demolition materials will be brought through the loading dock to the dumpster.

46.2 All new material and equipment, except for items requiring use of the front entry, shall be delivered to the main loading dock.

46.3 The loading dock shall be the primary access for construction workers. Construction workers shall use stairway near the designated elevator.

ARTICLE 47 CONSTRUCTION PATH

47.1 Elevator No. 3 (INSERT NO.), as indicated in Drawings, may be used by construction workers and material access EXCEPT during the hours of __________ (INSERT TIME).

47.2 All materials and equipment are to be brought into the hospital clinic through elevator no. 3 (INSERT NO.), except for large equipment and casework. General Contractor shall identify time and schedule to allow accessing such items through ________ (INSERT), and shall coordinate same with the Owner's Project Manager.

ARTICLE 48 HOSPITAL PROJECT PROCEDURE:

48.1 This Project involves part of a fully functioning Hospital clinic and teaching facility. During the construction of the new Work and all renovation, the Hospital clinic is to remain fully functioning. No service offered by the Hospital clinic will be allowed to be interrupted. This will require careful scheduling and consultation with the Owner and the Consultant. The Hospital will attempt to cooperate as much as possible but their need to provide full medical care will supersede any construction aspect.

48.2 The General Contractor shall organize his Work so that the Work shall cause a minimum of interference and disturbance to the Owner. A major portion of the Work will occur over an occupied Orthopaedic Clinic, Radiology, Kentucky Neurological Institute--TYPE OF SPACE--. The remaining work is above the --TYPE OF SPACE--. This will require anticipation and careful scheduling of any noisy work above the area, or access through the area.

48.3 Coordination shall occur between the General Contractor and the Owner regarding access to areas outside of the immediate designated construction areas, including access to room's adjacent horizontal, or vertical that the General Contractor may need to access in order to run/connect utilities. Coordination for access shall be discussed in the monthly Progress Meetings as required by Article 10 of these Special Conditions. General Contractor shall also provide to the Owner written notice, one week prior to the anticipated need for access. Approval for access to the adjacent areas must be received by the General Contractor, prior to final scheduling of the Work. Failure to notify the Owner of the need for access will result in the stoppage of Work in the area for which access is required until approval is obtained. Any additional cost for such stoppage will be the General Contractor's responsibility.
48.4 No live electrical wiring, including temporary lighting, may be left exposed in areas of public or staff access.

48.5 In no instance may a corridor be blocked or its clear width reduced to less than 4'0".

48.6 "NOISY WORK": Areas to receive noisy Work above — indicate areas of the facility —. The General Contractor shall utilize tools or equipment of low velocity or drilling to limit the noise generated from Work which will be disruptive to patients. Any hammer drilling and impact type tools/equipment which are to be utilized in the Work by the General Contractor shall be strictly limited. Falling materials that damage ceilings, walls, pipes, and equipment shall become the General Contractor's responsibility to repair and/or replace at no cost to the Owner.

48.7 The General Contractor is hereby advised that any noisy Work which is disruptive will be required to stop upon notice from Owner's Project Manager. General Contractor will be notified by Owner's Project Manager when noisy Work can resume. General Contractor shall notify Owner's Project Manager 48 hours prior to the start of any noisy Work.

- Noisy work shall be performed after 6:00 p.m. and before 7:00 a.m.
- Perimeter wall construction around the Work Area shall be erected after 6:00 p.m. and before 7:00 a.m.
- All bulky materials shall be delivered after 6:00 p.m. and before 7:00 a.m.

ARTICLE 49 WORKING HOURS/ACCESS: FOR MEDICAL CENTER/HOSPITAL

49.1 Normal Work hours are defined as a period between 7:00 a.m. to 5:00 p.m., Monday through Friday. General Contractor shall notify Owner's Project Manager one working day prior to performance of any Work for permission to do any Work during non-normal Work hours.

ARTICLE 50 SECURITY BADGES AND MEDICAL CENTER SECURITY

50.1 Security badges will be required for all construction personnel at General Contractor's cost of $15.20 (Confirm Price of Badges) each from Hospital Security located in Pavilion A room A.00.807. Badges for Good Samaritan can be obtained in the Human Resources Office at the Good Samaritan Hospital, Room B102, for vendors working at Good Samaritan Hospital. Each badge will contain a picture, name and firm name. A UKHC identification badge must be worn on the upper torso at all times when working on UKHC property. No pins or labels shall be attached.

If you report to work without your badge, you must proceed to the Security Office in Pavilion A room A.00.807 or Good Samaritan Human Resources Office B102 to purchase a temporary badge. If your badge is lost or stolen, report it to Security, 859-323-6946, immediately. The contractor or employee must pay for all badges. Cash or check only is accepted for payment. New badges are $15.00 and must be renewed annually with $15.00 annual renewal fee.

50.2 The General Contractor's and subcontractors are responsible for the security of their own materials, tools, and equipment on the project site. The Owner is not responsible for theft or vandalism to any such materials, tools, or equipment. The General Contractor shall coordinate with Medical Center Security prior to entering spaces other than Contraction Limits.

50.3 This General Contractor shall assist in providing workers schedule to Medical Center Security personnel when it is evident his workmen will have access to unsecured areas within the building after normal work hours.

50.4 This General Contractor shall secure the Project Limits for safety of building users working in adjacent spaces.
50.5 Any General Contractor having a field office or job trailer shall provide a key to the Owner's Project Manager, only to be used in the case of fire or security emergency.

50.6 The Owner will provide construction cores for keying during the life of the project and permanent cores at conclusion of construction. Hardware supplier to coordinate with University Key Shop.

50.7 Security Enclosure and Lockup: Install substantial temporary enclosure around partially completed areas of construction. Provide lockable entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security.

50.8 Maintain security by limiting number of keys and restricting distribution to authorized personnel. Provide Owner with one set of keys.

ARTICLE 51 – HOSPITAL CONSTRUCTION CERTIFICATION

51.1 This Project involves working in a fully functioning Hospital. Individuals responsible for the work occurring on the site should be thoroughly familiar with the hazards and procedures associated with construction in the healthcare environment.

51.2 All superintendents and foremen for the General Contractor and the Mechanical and Electrical subcontractors shall be required to hold at least one (1) of the certifications listed below from the associated organizations prior to working in the UK Albert B. Chandler Hospital or UK Good Samaritan Hospital. Any other trade contractor with more than four (4) individuals working on the site at one (1) time shall have one individual who holds at least one of the certifications listed below from the associated organizations prior to working in the UK Albert B. Chandler Hospital or UK Good Samaritan Hospital.

- Healthcare Construction Certificate - American Society for Healthcare Engineers
- Certified Healthcare Contractor – Kentucky Society of Healthcare Engineers

51.3 Should the required certifications not be in effect at the date of the work order, the University project manager may, at his or her discretion, grant a grace period for the required training.

The Form of Proposal should include the following: FP-10 - Please provide a copy of a valid Healthcare certification for the listed Superintendent.

ARTICLE 52 – APPEARANCE

52.1 All contracted vendors performing work for The University of Kentucky HealthCare facilities must dress in a professional manner. A company uniform is preferred; however, if one is not provided, dress shall include work pants and a work shirt. All hats must either have the company logo or be a solid color with no logo. Casual sportswear such as blue jeans, shorts, sweat suits, t-shirts, or tank tops are not approved apparel. Clothing must be clean, and without rips or tears. The attire is intended to portray the image of well groomed, professional individuals.

Failure to comply can lead to the vendor being asked to leave the premises until the issues have been resolved.

ARTICLE 53 - HIPAA (The Health Insurance Portability and Accountably Act)

53.1 While working on the University of Kentucky Medical Center you will encounter patients or research and must follow the HIPPA guidelines. We must protect the well being of patients, families and visitors as well as any and all research projects that are vital to the University. You shall respect the privacy of our patients, their families and any research that you may encounter while on campus.
For a complete understanding of the HIPAA Rules & Regulations please visit: http://www.cdc.gov/mmwr/preview/mmwrhtml/m2e411a1.

ARTICLE 54 – SAFETY & FIRE PROCEDURES

54.1 Paging Codes

The UK HealthCare facilities use specific codes to alert staff about hazards or potential hazards in the area, and to call designated staff to action. These codes are designed to communicate information to those that need it without unduly alarming patients and visitors. All persons working in the facility are to take the appropriate action should a code be announced. Designated staff members have assigned roles in response to these codes. You may be asked to stop work and secure your area in response to any of these codes.

A list of pertinent codes are outlined below:

- Code Black: Bomb/Bomb Threat
- Code Blue: Medical Emergency (adult or pediatric)
- Code Pink: Infant or Child abduction
- Code Red: Fire
- Code Silver: Active Shooter
- Code Yellow: Disaster plan activation (internal or external)
- Assistance please (location): Uncontrolled individual

54.2 Fire Procedures

54.2.a. Fire Notification

UK HealthCare has a fire prevention program to protect patients, visitors, and staff from the dangers of fire. As a part of your orientation to this facility, please locate the fire alarms, extinguishers, and evacuation routes within or adjacent to the project site.

If fire, smoke, or excessive heat is detected within the UK HealthCare facilities, the fire notification system is activated. You will hear chimes over the paging system, followed by “code red” and the location of the alarm. In addition, the alarm system is activated periodically for fire drills and system testing.

When an alarm is activated, smoke and fire doors throughout the building will close. Staff will close doors to patient rooms, clear corridors, and implement other response procedures.

In all UK HealthCare facility buildings with exception of the Hospitals you must evacuate immediately when the fire alarm sounds. In the Hospitals, you will be able to remain in the project site throughout the response. Please listen carefully to the overhead paging announcements for instructions that might affect you. If an order is given to evacuate, please secure the project site and exit the building.

54.2.b. Your Role in Fire Response

As a Contractor, you have a role in fire response. If you discover a fire in your area:

Rescue anyone in immediate danger, if possible.
Activate the nearest fire alarm and call 911.
Contain, close doors that line the corridor.
Extinguish, if possible, and evacuate, if necessary.

54.2.c. Building Life Safety Features
UK HealthCare facilities are constructed with many life safety features to protect building occupants from fire. You must know the location of the following:

- Fire Alarms
- Fire Extinguishers
- Emergency Exits
- Evacuation Routes
- Medical Gas Valves for the area in which you are working. Contractors/vendors are NEVER to close medical gas valves

If any life safety system must be taken out of service, you must coordinate the outage with the PPD Project Manager and the PPD Outage Coordinator prior to beginning work. You must put in place a temporary but equivalent system approved by the Campus Fire Marshall.

The UK HealthCare Medical Facilities are composed of smoke and fire compartments designed to contain the hazard should a fire break out. If a rated fire, smoke, or corridor wall is penetrated, you must patch the wall using a UL listed firestop assembly the day that the penetration is made.

**ARTICLE 55 - Interim Life Safety Measures (ILSM)**

The University of Kentucky has established an Interim Life Safety Program (ILSM) to manage safety hazards that could be created by construction, renovation, internal disaster, or other alteration to UK HealthCare buildings or grounds.

A review will be done for every project and will be implemented when a life safety code deficiency or other hazard places building occupants at significant risk. When life safety systems are impaired, the Hospital Safety Officer, Contractor, or designee, will use established criteria to evaluate the risk and to implement appropriate ILSM to compensate for these deficiencies.

When construction or renovation poses other significant safety hazards, the safety officer and contractor or designee will implement other safety measures appropriate to the situation.

**Planning for Interim Life Safety Measures**

The Hospital Environment of Care Committee has approved criteria to be used to help determine appropriate ILSM to implement when a life safety code deficiency is identified.

The Hospital Safety Officer, or designee, will participate in or review documentation from project development, pre-construction, and construction progress meetings to ensure that safety issues and concerns are identified and addressed proactively, whenever possible.

UK project manager will notify the Hospital Safety Officer prior to the start of any construction or renovation project and prior to the start of a new project phase. The Key project participants will identify safety issues, concerns, and methods of maintaining a safe work environment.

The Safety Officer and UK staff will regularly inspect all construction sites. The Safety Surveillance Team will conduct regular building inspections to identify risks and hazards.

**Criteria for Implementation of Interim Life Safety Measures (ILSM) at the University of Kentucky HealthCare Facilities.**

In general, the Safety Officer or designee will use the criteria below to determine appropriate interim life safety measures. In all cases, additional measures may be taken, if warranted, to protect the building’s occupants.
When the integrity of an exit access, exit, or discharge area is altered or compromised:

- Ensure free and unobstructed exit
- Ensure escape route for construction workers
- Provide additional training for UK staff and signage when alternative exits are designated
- Increase debris removal schedule to reduce building’s flammable and combustible load to lowest feasible level
- Conduct at least two fire drills per shift per quarter
- When the integrity of a building’s defend-in-place compartments/features (fire barriers, smoke barriers, floor slabs, corridor wells) are significantly compromised
- Ensure that construction partitions are smoke-tight and built of noncombustible or limited combustible materials

When a building’s fire alarm, detection, and/or suppression systems are impaired:

- Implement temporary but equivalent, fire alarm, detection, or suppression systems
- Inspect and test temporary systems monthly
- Ensure that construction partitions are smoke tight and built of noncombustible or limited combustible materials
- Provide additional fire-fighting equipment & train staff to use

When temporary sources of ignition (cutting, welding, plumber’s torch) are involved:

- Initial contractor will provide hot work permit and follow its guidelines
- Ensure free and unobstructed exits
- Ensure fire alarm, detection, and suppression systems are in working order

- Provide additional fire-fighting equipment (a fire extinguisher every 50 feet) and train staff to use
- Decrease combustible load to lowest feasible level

When large quantities of combustibles or debris are present or involved:

- Increase debris removal schedule
- Provide additional fire-fighting equipment (a fire extinguisher every 50 feet) and train staff to use
- Ensure that construction partitions are smoke tight and built of noncombustible or limited combustible material

**Infection Control**

When an employee is working in any patient care area or on any patient care equipment, he/she must follow the standard precautions outlined below:

- Wear gloves when there is a possibility that you will touch any body substances or equipment contaminated by body substances (blood, urine, feces, wound drainage, oral secretions, sputum, and vomitus.)
- Wear a fluid resistant gown, masks and/or goggles when there is any possibility that your eyes, mucous membranes or clothing will be splashed or sprayed by body substances or exposure to contaminated equipment.
- During construction/renovation projects or in situations when plumbing is inadvertently interrupted, it is recommended that personnel wear appropriate personal protective equipment. Traffic must be restricted from this area.
- Discard all personal protective clothing in accordance with standard precautions.
- Wash hands thoroughly with antibacterial soap immediately following work.
Eating, drinking and smoking are restricted to designated areas.

Infection Control Policy for construction at the University of Kentucky Healthcare Facilities

It is the policy of the University of Kentucky HealthCare to prevent illness in patients related to construction dust and airborne fungi. This document spells out requirements that contractors with University of Kentucky Chandler and Good Samaritan Hospital and in-house workers should follow in order to minimize risks of construction to our patients.

Classification of Jobs:

Class I: These projects do not generate appreciable dust or airborne particulate matter. Examples include minor plumbing, electrical, carpentry and duct work; some aesthetic improvements; installation of phones, computers, gas and TV hook-up lines in existing conduits, etc.

Class II: These projects generate dust or other airborne particulate matter and hence require barrier precautions. Examples include construction of new walls; construction of new rooms; major utility changes; major equipment installation; demolition of wallboard; plaster, ceramic tile, ceiling and floor tile removal; removal of windows; removal of casework, etc. Routine maintenance where dust is produced in patient care areas is included. These projects must follow construction standards for the hospital.

Sequence of Events:

UK project manager will work with the Infection Control Department to determine if the project is Class I or Class II based on an ICRA (Infection Control Risk Assessment) evaluation completed by the Infection Control Department.

The project manager should invite a representative of Infection Control to the initial design meeting for the project (and other meetings as appropriate).

The ICRA will be posted on the job site and must be adhered to throughout the project unless otherwise determined by the Infection Control Representative.

Ventilation System

• All ventilation systems to operating rooms, recovery rooms, delivery rooms, newborn nurseries and special care units will have a HEPA filtered clean air supply. These systems will be maintained and serviced according to the established preventive maintenance programs to assure clean air supply.

• Patient rooms which house patients with air-borne infections (requiring negative pressure) will be inspected according to the preventive maintenance program to prevent the spread of potential air-borne pathogens.

• Personnel performing routine maintenance or repairing ventilation systems of negative pressure should wear a NIOSH approved respirator.

• Personnel entering rooms housing known or suspected TB patients are required to wear a properly fitted NIOSH approved respirator.

Aspergillums

Aspergillums are a microbial contaminant which can cause serious complications for patients who are susceptible or in a high risk category. Most nosocomial airborne mold infections are caused by aspergillums; species. This species is widely distributed in our natural environment and can grow on almost anything. When ceilings or walls are disturbed, or activity associated with normal renovations or
maintenance, it results in airborne disbursements of particulate matter (dust), which may carry aspergillums spores and infect patients.

UK and its contractors will make every effort to minimize the release of aspergillums in high risk areas. Renovation in or adjacent to high risk areas will be controlled through proper separation and HEPA air flow filtering to reduce the potential dangers to patients. The method used to control dust control must be reviewed by and approved by the Infection Control Department. High risk areas are defined as follows:

Any area a patient with an immune compromised system will be put in additional harm’s way by your service or act of service.

No major construction shall occur in the Transplant Clinic without involvement of the Transplant Department Director. The area must be vacated of patients before any such work can occur.

Procedure:
• Before construction begins contact Infection Control at 859-323-4609.
• Proceed cautiously when removing or installing ceiling tiles in the high risk areas.
• On major construction/renovation, air tight partitions shall separate the renovation site from other space occupied by patients. The barrier shall be tested for tightness. Ventilation leading from the area being renovated should be blocked at its point of exit from the room.
• HEPA filtration of air will be required
• Whenever possible, create a negative air flow on the construction/renovation site.
• Keep the work area as clean and dust free as possible.
• Ensure that infection control measures are in effect.
• Use sticky mats outside of barrier.

Infection Control Oversight
• Infection Control must inspect work site before demolition/construction begins.
• Infection Control will make periodic visits to work site to ensure compliance ICRA standards.
• Contractors will receive information and education about Infection Control Standards at the preconstruction meeting

The Form of Proposal should include the following: FP-10 - Please provide a copy of a valid Healthcare certification for the listed Superintendent.

SEE THE FOLLOWING ATTACHMENTS A THROUGH C.
### ARTICLE 8.7.3 Attachment A – Uniformat Component List

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<th>Component Name</th>
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ARTICLE 8.7.3 Attachment B – Equipment List Spreadsheet Data Categories

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# ARTICLE 8.7.3 Attachment C - Example Preventative Maintenance Procedures

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The blue highlighted column will be filled in by PPDMC.