INVITATION FOR BIDS: CCK-2376-19
RESEARCH BUILDING #2 – PHASE 2:
Bid Package 01 – Design Release 1 – Fit-Out
Project #2499.0
ADDENDUM # 3
January 23th, 2019

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

IMPORTANT:
BID AND ADDENDUM MUST BE RECEIVED BY 01/30/19 @ 3:00 P.M. LEXINGTON, KY TIME.

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

Bidders shall conform to the following clarifications, corrections and changes, as same shall become binding on the Contract to be issued in response to this Invitation for Bids. Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject Bidder to disqualification.

1. Clarification to Subcontract All Work Categories: Please see the attached Bid Written Questions 1 - 150. The Bid Amount shall include the cost to provide this scope.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Mike Mudd / (859) 257-5409

SIGNATURE

Typed or Printed Name

Attachments:
1. Written Questions #1 – 150
2. Addendum #3 Question 142 Soffit Detail and RFI 149 Tackboard Sub. Request

End of Addendum #3
<table>
<thead>
<tr>
<th>NO.</th>
<th>Question</th>
<th>Responder</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Special Conditions call for the project to run through June of 2018. Please clarify this.</td>
<td>WT</td>
<td>See schedule included in original bid package.</td>
</tr>
<tr>
<td>2</td>
<td>General Requirements package calls for preparing a pad for a buck hoist and stair tower. Other trade packages provide door openings and landing platforms. Which trade package is providing the buck hoist and stair tower?</td>
<td>WT</td>
<td>The buck hoist is included in WC 23A.</td>
</tr>
<tr>
<td>3</td>
<td>The general trades scope calls for providing a concrete pad for the buck hoist and the material hoist allowance in the mechanical package is defined to include the foundation. Please clarify.</td>
<td>WT</td>
<td>The foundation will be included in WC 01A.</td>
</tr>
<tr>
<td>4</td>
<td>Please clarify the material type for the solid surface window sills shown in detail 6/AL-726.</td>
<td>Champlin HGA</td>
<td>Provide Corian Designer White solid surface material for window sills.</td>
</tr>
<tr>
<td>5</td>
<td>Also, please clarify the location of Detail 6/AL-699. We are unable to find a section or condition where this detail would apply on the 4th floor.</td>
<td>Champlin</td>
<td>Detail 6/AL-699 was inadvertently carried over from an earlier phase. It has been removed from the drawing on Addendum #1.</td>
</tr>
<tr>
<td>6</td>
<td>General Trades scope item 21 requires this contractor to furnish and install all embeds required by other trades. Shouldn't the embeds be provided by the trade requiring it and installed by this trade?</td>
<td>WT</td>
<td>WC 01A is pouring / patching the necessary concrete, so embeds required by other trades, will be installed by this scope.</td>
</tr>
<tr>
<td>7</td>
<td>Will the CM consider combination bids?</td>
<td>WT</td>
<td>Bids will remain as currently broken out.</td>
</tr>
<tr>
<td>8</td>
<td>Scope of Work Item No. 3 – Dumpsters. On a previous W-T project, the number of dumpsters to be provided per month was stipulated as part of the scope of work and a unit cost price was requested at the time of the bid by which adjustments to the contract price would be made at the conclusion of the project based on the actual number of dumpsters used. We recommend this same procedure be used on this project to ensure an “apples-to-apples” bid on the 01A – General Requirements bid package</td>
<td>WT</td>
<td>No, the quantity is up to the bidding sub to determine. This will not be an allowance.</td>
</tr>
<tr>
<td>9</td>
<td>Scope of Work Item No. 4 – Temporary Utilities. Please provide the average electric, internet and water bills at the current W-T construction trailer complex for the 01A – General Requirements contractor’s use in calculating the costs of the temporary utilities for this project.</td>
<td>WT</td>
<td>Sample invoices are included with Addendum #1. Costs vary by season and usage.</td>
</tr>
<tr>
<td>10</td>
<td>Scope of Work Item No. 6 – General Cleanup. On a previous W-T project, the number of general labors to be provided on a daily basis for site cleanup was stipulated as part of the scope of work. We recommend this same procedure be used on this project to ensure an “apples-to-apples” bid on the 01A – General Requirements bid package.</td>
<td>WT</td>
<td>See revised WC 01A bid form and scope.</td>
</tr>
<tr>
<td>Q.</td>
<td>Question</td>
<td>Answer</td>
<td></td>
</tr>
<tr>
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<td>----------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>What is the budget for the 01A – General Requirements bid package?</td>
<td>The budget will not be released prior to bid.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>With regards to the following buck hoist scope of work that is included in the 01A – General Requirements bid package, please provide the following information:</td>
<td>Pad should be no smaller than 10’x12’, 8” thick mesh reinforced concrete. Include compaction of soil in a foot print for same, extending another 3’ outward.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Provide the size (length x width), thickness and reinforcing requirements of the concrete pad for the buck hoist and stair tower footprint.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>2. What is the approximate finished elevation of the concrete pad for the buck hoist and stair tower footprint?</td>
<td>Elevation is not expressly critical and can be confirmed in the field with the Construction Manger.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>3. Provide the actual locations of the bracing for the buck hoist, or assumed locations for bidding purposes, that will require patching and/or window removal and replacement.</td>
<td>See updated Site Logistics Plan to show locations of windows to be removed. Bracing for buck hoist will be at concrete deck elevations on each floor.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>4. What are the “damages to brick veneer” that are anticipated from the buck hoist. Would this better be addressed by an assigned allowance as the potential damages are impossible to determine at this time and the 01A – General Requirements contractor has no control over preventing potential brick veneer damages caused by others.</td>
<td>Damages to brick will include temp demising wall attachments, and or openings, as well as openings at each slab elevation to allow tie backs for the buck hoist.</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Please provide schedule or milestone start and completion date for this project. The only dates specified in project manual is substantial completion date which states June 18, 2018. Please see following snapshot of the context, ARTICLE 06 TIME FOR COMPLETION of 00 00 18 General Information.</td>
<td>Refer to the schedule included in the base bid.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>In looking at the security drawings it is hard to determine if the camera icon is showing a pre-existing camera location or a new camera location. Is there a way to better distinguish the new cameras that are to be a part of this project?</td>
<td>CMTA / Security Pre-existing cameras are printed lighter than new cameras. Phase 2 only has 3 new cameras, located in the new Elevators: B, C &amp; F.</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>In comparing the door hardware schedule with the security drawings I am seeing doors listed in the hardware schedule that are not identified as such on the security drawings. Please clarify: Doors 007 and 035 of hardware set 4.0; doors 480, 507, and 508 of hardware set 8.0; doors 460A, 460B, and 460C of hardware set 24.1; doors 410A, 410B, and 410C of hardware set 27.0.</td>
<td>CMTA Champlin Refer to Addenda information.</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Atlas would like to bid on the Hollow Metal (081113) and the Wood Doors (081416) for the UK Research Building (Phase 2) project. Attached are Requests for Manufacturer Substitution for our preferred manufacturers, along with product data and project resumes: Hollow Metal - Metal Products, Inc. (MPI) Wood Doors - Oshkosh Door Company</td>
<td>Champlin HGA Metal Products, Inc. (MPI) is an acceptable manufacturer substitution for Hollow Metal Doors. Oshkosh Door Company is an acceptable manufacturer substitution for Wood Door provided that the wood grain door samples match phase 1 doors (existing) to the architects satisfaction.</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Does the Animal Water Supply System need to be insulated? If so, what is the specification?</td>
<td>CMTA / Champlin Yes, Insulation for the Animal Water supply shall be the same as specified for Domestic Cold Water piping</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Please advise which bid package will be responsible for the following specifications: Section 114001 – Miscellaneous Lab Equipment Section 115313 – Lab Fume Hoods</td>
<td>WT This work will be bought out at a later time.</td>
<td></td>
</tr>
<tr>
<td>BIDDERS QUESTIONS</td>
<td>ADDENDUM #2</td>
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</tr>
<tr>
<td><strong>Section 115400 – Vivarium Equipment</strong></td>
<td><strong>Yes</strong>, these will be provided by WC 08A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section 116202 – Lab Sterilizers</strong></td>
<td><strong>WT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Section 123553 – Lab Casework</strong></td>
<td><strong>WT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>22 Doors Bid Package 08A:</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Does this include section 081713 Integrated Metal Door Opening Assemblies, 081119 Stainless Steel Frames and 082300 Corrosion Resistant Composite Doors, 083483 Elevator Door Smoke Containment System?</strong></td>
<td>WC 08B will provide all aluminum or glass door frames, doors, and hardware.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>23 In reading BP 08A &amp; 08D, it appears aluminum door hardware is by 08D storefront hardware, please confirm.</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>24 Div 10 &amp; Accessories 10A:</strong></td>
<td><strong>WT</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BP states to include all framed mirrors as shown on contract document. Which bid package provides the unframed mirrors at Public Restroom vanities? MR-1, MR-2, MR-3, MR-4, MR-5 as shown on accessory legends.</strong></td>
<td>Unframed mirrors will be provided by WC 08B.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>25 Will Sanitary Napkin Dispensers be required at women’s public restrooms?</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>There are no Sanitary Napkin Dispensers required. There are Sanitary Napkin Disposal units.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>26 Will fire extinguisher be provided by owner (Section 1044161.2.B) or will they need to be included in bid package pricing?</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Included in WC 10A.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>27 Substitution request - FIRE RATED GLASS AND FRAMING SYSTEMS - request consideration of SaftiFirst fire resistive framing and glass per spec section 084123</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Not approved. Provide basis of design. No substitutions.</strong></td>
<td>Champlin / UK</td>
<td></td>
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<tr>
<td><strong>28 We plan to bid on the signage for RB 2 Phase 2. Are there sign type spec drawings for the bid?</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Signage is to match phase 1 signage. See AI-728 for signage details and attached photos of existing signs.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>29 Substitution Request – Request consideration of Air Flow Equipment for Air Handlers.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>There is an upcoming RFP for the AHU and any substitutions should be submitted at that time.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>30 Substitution Request - D.A.I. Scientific Equipment is Manufacturers rep group for Consolidated Sterilizer Systems. Consolidated's models SSR-3A and SR-26A both meet and exceed the listed specifications for the two sterilizers listed on the University of Kentucky CCK-2376-19 Research Building #2 Phase 2 BP#1 Fit Out - 2499.0 project (spec section 116202 section 2.1)</strong></td>
<td>Champlin</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Substitution rejected. Only use Steris manufactured equipment.</strong></td>
<td>Champlin / UK</td>
<td></td>
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</tr>
<tr>
<td><strong>31 Just curious on rough date that the AHU bid package will be issued for the four remaining UK RB2 AHU’s as well as maybe one more for UK Hospital.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>There is an upcoming RFP for the AHU and any substitutions should be submitted at that time.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>32 What is the budget for BP 23A?</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>The budget will not be released prior to bid.</strong></td>
<td>Champlin / UK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>33 There are notes regarding page “EC-504” on the electrical plans. Are we missing that page?</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Regarding elevator disconnect keyed notes: Reference to sheet EC-504 (on sheet EF-250A, keyed note #2) will be changed to reference sheet EF-553. Reference to sheet EC-504 (on sheet EF-257A, keyed note #5) will be changed to reference sheet EF-554.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>34 There are some panel schedules that do not have (EXISTING) on them but they have lines drawn through them as if they were existing. Please clarify if these are new or existing panels.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Panel ‘BCLP?’ (schedule shown on sheet EF-980) is existing and will be labeled as such.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>35 Section 270000-9, Part 3.1, paragraph C reads ” Division</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Language will be revised in next</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number</td>
<td>Question</td>
<td>Answer</td>
<td>Notes</td>
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<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>27</td>
<td>contractor shall provide Division 27 pathway infrastructure...Should this say “Division 26 contractor shall provide Division 27 pathway...”? It currently conflicts with Part 1.2, paragraph D.</td>
<td>AEI issuance.</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Are all Vivarium weather proof plates for data to be 2-gang as per the phase one build out? (Area B, lower level).</td>
<td>Champlin / AEI Plates shall match Phase 1 installation.</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Drawing EF-552 shows T5LLD2, T4LLD2, and (2) 250A breaker disconnects. They do not show up on plans. Please clarify locations.</td>
<td>Champlin / AEI Transformers T4LLD2 &amp; T5LLD2 will be shown bold (in current scope) in electrical room 428 (sheet EF-254B) and room 528 (sheet EF-255B), respectively. Disconnects should be provided as shown on one-line diagrams.</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Drawing EF-552 shows T5LLD2 and T4LLD2 being fed from an existing 200AS/125AF disconnect. Where are these locations? Are these inside of electrical rooms 428 and 528?</td>
<td>Champlin / AEI 200AS/12AF disconnect switches are existing (core &amp; shell) and should be located within electrical rooms 428 and 528.</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Is the regular chilled water piping (CHS/R) to be insulated with the same specification as the medium temperature chilled water pipe (MTCHS/R)?</td>
<td>Champlin / CMTA No. Refer to specification section 20 0700 – Mechanical Systems Insulation; table shown in part 3.1 which indicates two separate insulation types for these systems.</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Does the Supply Energy Recovery Pipe System need to be insulated? If so, what is the specification?</td>
<td>Champlin / CMTA Refer to specification section 20 0700- Mechanical Systems Insulation. Table shown in part 3.1 includes a category for energy recovery glycol piping.</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>I just wanted some clarification regarding the lighting control. In the bid package is the temperature controls contractor responsible for providing lighting control?</td>
<td>WT Temperature controls will be by WC 23A while lighting controls will be by WC 26A.</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Substitution request – Section 087105 Door Hardware – Electromechanical Door Operators – Request Besam – an Assa Aboy Company as an alternate manufacturer for Auto Door Operators.</td>
<td>Champlin Besam is an acceptable manufacturer for the Electromechanical Door Operators.</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>Can you confirm that the existing panels are SqD NQ style and AIC rating of 10kAIC?</td>
<td>Champlin / AEI Existing branch panelboards installed under the Core &amp; Shell package are Square D NQ style panels. Contractor to verify individual panel AIC ratings.</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>Do we need to provide all new breakers in existing panels or just the ones marked “SPARE”?</td>
<td>Champlin / AEI Provide new breakers (if existing breakers do not exist) for all new loads and all ‘new’ circuits designated as “SPARE”.</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>Please confirm if bid package 09A to include floor penetration layout drawing as scope of work note 3 of bid package indicates to Unit 09A to provide both floor and wall penetration layout drawings. Shouldn’t this be included in bid package 23A or 26A?</td>
<td>WT Floor penetration drawings are to confirm layout of walls vs. existing and future poke throughs/riser piping. Wall penetration drawings are to confirm layout of drywall and conduit racks horizontally through walls. WC 09A will work closely with 21A, 23A, &amp; 26A to confirm each.</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Please confirm if bid package 09A to include all drawings or plans for blocking as described in note 15 of scope of work as drawings for blocking is also included in note 7 of bid package 06A and note 13 of bid package 10A.</td>
<td>WT As written in WC 09A, drawings will be by others, while 09A provides and installs the blocking accordingly. Shop drawings are in addition to what is shown in the Contract Documents.</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Please confirm if bid package 09A to include saw cuing of existing concrete wall and floor, mating new and existing wall system and plane as indicated on note 43 of scope work as it is also included in note 31 of bid.</td>
<td>WT WC 09A will carry any and all saw cutting for the BBSRB connection on Level 4. Saw cutting noted in WC 01A is for concrete work in RB2.</td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Question</td>
<td>Response</td>
<td></td>
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</tr>
<tr>
<td>01A</td>
<td>Please confirm if bid package 09A to include painting of temporary partition instead of bid package 09B. Please also provide specification of paint for the temporary partition.</td>
<td>WT</td>
<td>WC 09A to paint temp partitions, use paint per the specifications.</td>
</tr>
<tr>
<td></td>
<td>Please provide the extent, layout, or sketch of any temporary partition, enclosure which bid package 09A is required to include.</td>
<td>WT</td>
<td>Temp partitions will be used as necessary to cordon off Phase 2 work from normal building operations. Partitions will be determined on an as needed basis, but will consist, at a minimum, of buck hoist partition walls (see updated Site Logistics Plan), both interior and exterior buck hoist partitions, Level 1 partitions behind glass doors in main lobby, and in basement vivarium corridors to separate occupants from construction.</td>
</tr>
<tr>
<td>09A</td>
<td>Please provide as built structural drawings, building section cut if possible.</td>
<td>Champlin / THP</td>
<td>Reference section drawings are included with Addendum #1 Q&amp;As.</td>
</tr>
<tr>
<td></td>
<td>Please provide more detail, plans, elevation, dimensions, directions for pricing purposes of buck hoist barrier, enclosure, platform, scaffold assembly that bid package 09A need to include.</td>
<td>WT</td>
<td>See updated Site Logistics Plan</td>
</tr>
<tr>
<td></td>
<td>Please confirm which bid package should include WD-1 wood wall paneling noted on finished legend AI-724.</td>
<td>WT</td>
<td>WC 06A Millwork.</td>
</tr>
<tr>
<td></td>
<td>Please confirm which bid package should include wall and door protection. Refer to FBS or Fiber reinforced wall panels if any.</td>
<td>WT</td>
<td>WC 10A Accessories.</td>
</tr>
<tr>
<td></td>
<td>Please provide location acoustic wall panels in the contract documents.</td>
<td>WT</td>
<td>Located at alcove seating in collaboration spaces. Noted as FWC-3</td>
</tr>
<tr>
<td></td>
<td>Please provide height from slab to concrete deck on level 4 area C. Refer to page AI-264C for location.</td>
<td>WT</td>
<td>Refer to structural drawings and beam schedules, included for reference in Addendum #1.</td>
</tr>
<tr>
<td></td>
<td>Please confirm if 4th floor deck height is the same 5th floor. If not, please provide height from slab to highest point of concrete deck and height of lowest point of concrete beam for both floors.</td>
<td>WT</td>
<td>Refer to structural drawings and beam schedules, included for reference in Addendum #1.</td>
</tr>
<tr>
<td></td>
<td>Work Category – 08A note 22 calls for security to be provided by the door subcontractor. Work Category – 26A note 40 calls for the electrical subcontractor to carry the security package. Please clarify.</td>
<td>WT</td>
<td>WC 26A will provide all electrified and security door hardware. All other door hardware will be provided and installed by WC 08A.</td>
</tr>
<tr>
<td></td>
<td>Substitution request - seeking approval for the Sherwin Williams Products in section 96726 Resinous Flooring</td>
<td>Champlin</td>
<td>Not approved. Use basis of Design. No Substitutions.</td>
</tr>
<tr>
<td></td>
<td>Panels 2CLD1 and 3CLD1 do not show up on plans. Reference pages EF-252A and EF-253A. Please clarify.</td>
<td>Champlin / AEI</td>
<td>Panels 2CLD1 and 3CLD1 are Core &amp; Shell distribution panels which are located in area B, electrical rooms 214 and 314 on 2nd and 3rd floors, respectively.</td>
</tr>
<tr>
<td></td>
<td>The FP drawings state that sprinkler heads in finished ceilings shall be concealed type heads but the specs state that sprinkler heads in finished ceilings shall be semi-recessed and during our site visit yesterday I noticed that the heads in the finished spaces in the building are semi-recessed. Which sprinkler head type will be required?</td>
<td>Champlin / CMTA</td>
<td>Semi-Recessed Sprinkler heads shall be provided in finished ceilings.</td>
</tr>
<tr>
<td></td>
<td>Are flexible hose type sprinklers (flex heads) permitted?</td>
<td>Champlin / CMTA</td>
<td>Flexible hose sprinkler heads will not be allowed.</td>
</tr>
<tr>
<td></td>
<td>Are the 1.5 x 1.5 Jamb guards required for this second phase as they were on the first phase. These are mounted to the door frames where the crash rails overlap.</td>
<td>Champlin</td>
<td>Yes. Addendum #1 will reflect the jamb guard locations.</td>
</tr>
<tr>
<td>Page</td>
<td>Question/Statement</td>
<td>Response</td>
<td></td>
</tr>
<tr>
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<td>---------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>Recycling Stations – Are these to be furnished by WC10A or will they be provided by UK?</td>
<td>Champlin / UK</td>
<td></td>
</tr>
<tr>
<td>64</td>
<td>Section 083483 – Elevator Smoke Containment System – Is this required for this phase? Appears the scope was provide complete for Elevation A – D (Basement – 6 and penthouse) in the original phase 1 bid.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>Section 102600 refers to Jamb Guards and page AG-021 show them as well. Floor plans do not reference – please advise.</td>
<td>Champlin</td>
<td></td>
</tr>
<tr>
<td>66</td>
<td>Please confirm if PRICE APDDR and APDSP ceiling diffuser and Kurtzon KL R/F light fixture will have a flange for gypsum board to tuck in so no L bead is required around gypsum board ceiling openings at the basement. Base on research, manufacturers makes them based on frame style submittal selection and approval.</td>
<td>Champlin / AEI</td>
<td></td>
</tr>
<tr>
<td>67</td>
<td>Substitution request – Roller Window Shades Section 122413 – request Draper Inc. as approved equal manufacturer.</td>
<td>Champlin</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>Confirm the existing concrete entrance and construction gate currently installed on Virginia Avenue and as shown on Sheet LS-202 of the site logistics plan will remain in-place for the start of the Phase 2 BP#1 Fit Out project. Assuming these elements will remain in-place and will not need to be replicated at the start of construction, please confirm that it will be the responsibility of the 01A – General Requirements contractor to demolish the concrete entrance at the conclusion of the project.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>Confirm the temporary construction fence limits shall be enlarged to the limits as shown on the LS-202 site logistics plan. Existing temporary fencing, other than the construction entrance gate, will be removed by the 01A – General Requirements contractor.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>Confirm if any lighting is required on the top rail of the temporary construction fence.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>71</td>
<td>Confirm if windscreen is required on the temporary construction fence or will the windscreen be provided by UK.</td>
<td>WT</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>Please provide thickness, NRC, CAC, AC or preferably ceiling tile model number for ACT-1 on finish legend as there are two types of Optima 2x2 15/16 Square Tegular tile. Armstrong 3250 and 3354.</td>
<td>Champlin</td>
<td></td>
</tr>
<tr>
<td>73</td>
<td>Please provide finish color, model or Metal works series name of 6”x48” Armstrong Unperforated metal works. Please also provide assemble type of the metal works. For instance, either snap-in or lay in.</td>
<td>Champlin</td>
<td></td>
</tr>
<tr>
<td>74</td>
<td>Please provide thickness, NRC, CAC, AC or preferably ceiling tile model number for ACT-2 on finish legend as there are several types of Optima 2x4 15/16 Square</td>
<td>Champlin</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>Tegular tile. Please provide thickness, NRC, CAC, AC or preferably ceiling tile model number for ACT-4 on finish legend as there are several types of Optima 2x4 15/16 Square Lay-in tile.</td>
<td>Champlin</td>
<td>Armstrong 3262</td>
</tr>
<tr>
<td>76</td>
<td>Please provide dimension, finish color, specification for metal edge trim where acoustical ceiling dies at window shade or window head. Refer to detail 11/AI-661. For instance, aluminum only or if metal’s acceptable, Armstrong knife edge 6” Axiom or 6”Axiom classic.</td>
<td>Champlin</td>
<td>White Axiom knife edge trim or equal. Aluminum only. Size varies: 3-1/2”, 5”, 6” and 8”.</td>
</tr>
<tr>
<td>77</td>
<td>Please confirm if metal suspensions system for acoustical panel ceilings should be standard Armstrong prelude 15/16, G30, intermediate-duty system as specification section 09 51 13; PART 2, 2.5, A, indicates “severe environment performance” per ASTM C 635/C 635M required. Sever environment performance will need to be achieved with Exterior grade Prelude XL 15/16 with G90 coating and heavy-duty assembly. Note, this is cost major end item as same ceiling grid would be used throughout this project.</td>
<td>Champlin</td>
<td>Standard suspension systems.</td>
</tr>
<tr>
<td>78</td>
<td>Section 083323 – Overhead Coiling Door: Fire rating is listed as 3 hours in the spec sheet, however on the door schedule shows a 2 hour fire rating. Please advise.</td>
<td>Champlin</td>
<td>These Overhead Coiling Doors require a 2 hour fire rating.</td>
</tr>
<tr>
<td>79</td>
<td>Special Conditions Article 06 time for substantial completion states June 18, 2018? Please provide the correct date.</td>
<td>UK</td>
<td>Bid schedule issued with this IFB shows 5-20-2020 as project substantial completion date.</td>
</tr>
<tr>
<td>80</td>
<td>When do you expect this project to begin construction?</td>
<td>WT</td>
<td>Refer to Project Schedule included in the bid.</td>
</tr>
<tr>
<td>81</td>
<td>The unit prices for Journeyman and Foreman per hour – Do we assume this is for regular time only? Do you want an overtime hourly rate as well?</td>
<td>WT</td>
<td>Assume regular time, overtime is simply time and a half.</td>
</tr>
<tr>
<td>82</td>
<td>The fireproofing allowance of $15,000 does this cover all the expected fireproofing for our bid package WC23A?</td>
<td>WT</td>
<td>No, this is above and beyond the already stated fireproofing patching and will only be used at the Construction Manager’s direction.</td>
</tr>
<tr>
<td>83</td>
<td>Can you provide specification for the Vivarium trench drain grates that you want?</td>
<td>Champlin / CMTA</td>
<td>A specification for the Trench drain grate will be issued with the Addendum 1 drawings.</td>
</tr>
<tr>
<td>84</td>
<td>WC23A trade scope page 14 Item #31 states we are to test, purge, and certify complete gas piping installed under core and shell contract. Please verify which gases you are asking for the testing, oxygen, nitrous, oxide, vacuum, compressed air etc., CO2? Who bears the cost if these systems will not pass the certification testing process? UK, Whiting Turner or WC23A contractor? Please advise.</td>
<td>WT</td>
<td>Gas used should meet the intent of the specifications for testing.</td>
</tr>
<tr>
<td>85</td>
<td>Can you provide shop drawings for all the air handling units provided by UK?</td>
<td>WT</td>
<td>AHU’s will be bought out separately by the University. Shop drawings will follow after that.</td>
</tr>
<tr>
<td>86</td>
<td>Do we need to paint and color code all the piping to match the existing conditions?</td>
<td>WT</td>
<td>Yes, this work is by WC 09B.</td>
</tr>
<tr>
<td>87</td>
<td>Does WC23A provide all our own concrete pads?</td>
<td>WT</td>
<td>No, housekeeping pads are by WC 01A</td>
</tr>
<tr>
<td>88</td>
<td>Does the $250,000 allowance for the material hoist cover all the cost associated with the hoist? If we exceed the $250,000 allowance will the WC23A contractor be issued a change order for this additional cost?</td>
<td>WT</td>
<td>Confirmed.</td>
</tr>
<tr>
<td>89</td>
<td>Do you expect the WC23A contractor to be working in any occupied spaces / floors? If yes, please provide the locations of these occupied spaces.</td>
<td>WT</td>
<td>Yes, as needed to complete the work indicated on the Contract Documents.</td>
</tr>
<tr>
<td>BIDDER'S QUESTIONS</td>
<td>PAGE 8</td>
<td>ADDENDUM #2</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
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<td></td>
</tr>
<tr>
<td><strong>90</strong></td>
<td>For the owner provided air handling units, who provides the warranties on these units? UK or WC23A contractor? Labor, material, etc.</td>
<td>WT / UK</td>
<td>Warranties will be held by UK via UK’s buyout of AHUs.</td>
</tr>
<tr>
<td><strong>91</strong></td>
<td>I am the local representative for Esco (Life Sciences). We manufacture BSC's, laminar flow benches, and other laboratory equipment. Can you tell me if the BSCs and other lab appliances are being purchased directly? Or, are they being purchased thru a GC or casework company?</td>
<td>WT</td>
<td>This work will be bought out through the University and it’s purchase agreement with Scott Labs.</td>
</tr>
<tr>
<td><strong>92</strong></td>
<td><strong>Please confirm which bid package needs to pick up SECTION 099659 - HIGH PERFORMANCE FIBERGLASS FIBER REINFORCED WALL &amp; CEILING SURFACING SYSTEM?</strong></td>
<td>WT</td>
<td>WC 09B.</td>
</tr>
<tr>
<td><strong>93</strong></td>
<td>Page 11, Work Category 08a. Frame Installation is listed as “By this subcontractor” and “Installation of all frames will be by others”. Who will be responsible for frame installation?</td>
<td>WT</td>
<td>Frame installation in drywall walls will be by WC 09A. Frames installed in block walls will be by WC 01A.</td>
</tr>
<tr>
<td><strong>94</strong></td>
<td>Door Schedule on page AI-721 (Doors 400ea, 400eb etc.) refers to jamb depth on page AI-647 but I don’t find that page in the complete plans. Please advise.</td>
<td>Champlin</td>
<td>See addendum #1 for corrected jamb detail reference.</td>
</tr>
<tr>
<td><strong>95</strong></td>
<td>Hardware Sets # 23, 24, 24.1, 25, 26, 27 Denoted as Glass Doors (Door type GI-F). Do these doors fall under Subcontract 08a scope?</td>
<td>WT</td>
<td>WC 08A will provide all doors, frames and hardware for all doors except storefront or glass doors. Those will be provided by WC 08B</td>
</tr>
<tr>
<td><strong>96</strong></td>
<td>Sheet AI-254C indicates section 7/AI-642 however no sheet with that reference exists. Also, key note #4 on sheet AI-254C refers to existing glass what are the overall dimensions of the existing glass at the area so that we could get a proper proposal together for this portion of the bid.</td>
<td>Champlin</td>
<td>Phase 1 Section detail 7/AI-642 was inadvertently left on the drawing. It has been removed.</td>
</tr>
<tr>
<td><strong>97</strong></td>
<td>In reference to PT4 epoxy coating as defined on the finish legend drawing AI-724, will it be acceptable to use General Polymers in lieu of Sika (section 099659).</td>
<td>Champlin</td>
<td>Yes. Existing (installed) PT-4 is by General Polymers Sanifiber.</td>
</tr>
<tr>
<td><strong>98</strong></td>
<td>I see tackable wallcoverings shown in spec section 101100 (Visual Display Units), but I cannot seem to find it anywhere in the plans.</td>
<td>Champlin</td>
<td>See BD-4 on Finish Legend (AI-724) and keynote 11 on Finish Floor Plans</td>
</tr>
<tr>
<td><strong>99</strong></td>
<td>What is the point load capacity and uniform load capacity between column line 1 and 2, A and A.5 of the concrete floor planks at levels 3, and 5. The intention of this RFI is to perform preliminary engineering and design of scaffolding which will support freight and its self on the concrete floor planks</td>
<td>Champlin / THP</td>
<td>100PSF with a 1,000lb concentrated load.</td>
</tr>
<tr>
<td><strong>100</strong></td>
<td>Intumescent Painting – This Subcontractor has included intumescent painting for all modified and new steel at the Level 4 steel modifications in the dry lab. This intumescent painting will replace the need for applied fireproofing. There is no intumescent coating specified in painting specs.</td>
<td>Champlin</td>
<td>The coating to be applied is an Intumescent Fireproofing not an Intumescent Paint. Refer to Section 078123 – Intumescent Fireproofing issued in Addendum #1.</td>
</tr>
<tr>
<td><strong>101</strong></td>
<td>Drawing MF-357 II show plan view of CHS,CHR, SERS and SERR for AHU-4. Unit is pipe for a single coil configuration for both CHS and CHR, SERS, SERR while Note 8 on MF-950 AHU schedule states a pre and post cool coil. No piping detail or flow schematic is shown for valves, strainers, etc.</td>
<td>Champlin / AEI</td>
<td>Note 8 has not been assigned, and it does not apply to AHU-4. AHU diagrams and details have been added on sheets MF-552 and MF-650</td>
</tr>
<tr>
<td><strong>102</strong></td>
<td>On drawing IC751, the condensate from AHU-4 states to “reuse water system”. MF-357 II shows no piping or location for this system.</td>
<td>Champlin / AEI</td>
<td>Connect to the exiting Reuse Water system piping adjacent to the unit. Also see AHU-4 diagram on MF-552</td>
</tr>
<tr>
<td><strong>103</strong></td>
<td>Drawing MF.357 IV shows plan view of CHS, CHR, NWS, NWR, SERS, SERR for AHU-2, 7 and 8. These are shown as single coil piping connections while Note 8</td>
<td>Champlin / AEI</td>
<td>AHU diagrams and details have been added on sheets MF-551, MF-552 and MF-650.</td>
</tr>
<tr>
<td>BIDDERS QUESTIONS</td>
<td>PAGE 9 OF 13</td>
<td></td>
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<tr>
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<td></td>
</tr>
<tr>
<td><strong>ADDENDUM #2</strong></td>
<td><strong>Page 9 of 13</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>on MF-950 AHU schedule states a pre and post coil. No valves, strainer, control valves shown. No piping detail for AHU’s found. No flow schematic found. Schedule on MF-950 calls for humidifiers on AHU 7 and 8, while no humidifier piping shown on drawing MF-357 IV. Humidifier is also referred on IC 750 for AHU 7 and 8. Also condensate for these units are shown to go to the “reuse water system”.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>In multiple locations on drawings MF-354 A, B and C, MF 355 A and B, piping branches serving more than 1 chilled beam, meaning 2, 3, 4 or more chilled beams piped in parallel, have no pipe sizes shown.</strong></td>
<td>Typical conditions branch pipe sizing have been added to the MF-35# series sheets.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>WC23A trade scope page 14 item #31 states we are to test, purge and certify complete gas piping installed under shell and core contract. Who will be responsible for costs associated with correcting any deficiencies found left by the shell and core contract if these systems will not pass certification? This question was not answered completely in Addendum 1.</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Deficiencies in installation will be corrected via the warranty.</strong></td>
<td><strong>WC 01A is responsible for roof patching.</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FPRH on P-150 schedule is a hot and cold hydrant. Only cold water shown on P-257 A and B. Who is responsible for the roof patching required for these hydrants?</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>The UK Telecommunications Standards Rev 5.0 dated June 2011 are the current standards.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Is the engineer willing to accept independent shop inspection in accord with AISC guidelines in lieu of AISC Certification?</strong></td>
<td>Champlin / THP</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>This is acceptable.</strong></td>
<td>Champlin / THP</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Please provide structural drawings indicating which beams are to be modified.</strong></td>
<td>Champlin / THP</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Affected steel column lines are noted in Existing Roof Beam Connection Modification Detail on S-101. Additionally, structural drawings for Level 4 overhead was included for reference with the Addendum #1 Q&amp;A.</strong></td>
<td>Champlin / THP</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Please confirm the type door frame protection required in section 102600 and as shown on the drawings.</strong></td>
<td>Champlin</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>See detail 6/AI-688 TYPICAL JAMB GUARD DETAIL SURFACE MOUNTED.</strong></td>
<td>Champlin</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>The model of the microwave in specification section 113100 section 2.3 has been discontinued per the manufacturer. Can you provide another model number to be included in the bid?</strong></td>
<td>Champlin</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Provide the KitchenAid KMCS3022GSS which best matches the discontinued model.</strong></td>
<td>Champlin</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Scope of Work Item 51 in the 01A – General Requirements bid package includes the re-construction and re-installation of “light poles”. We have not observed any light poles to be re-installed nor are there any light poles shown on the plans. Please verify if there are any light poles in the area of the existing job trailer to be re-constructed and re-installed. If light poles are part of this scope of work item, please provide additional information on the light pole, concrete base requirements, power source, etc.</strong></td>
<td>WT</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Light poles at the Construction &amp; Buck Hoist area are indicated on the Landscape drawings that were referenced in the Site Logistics Plan. Assume 3 light poles for reinstallation at the jobsite location. Pole bases and wiring is already in place, they need to be reattached and wired.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yes, power will be required. Refer to drawing AI-251C for reference.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yes, power is required. Refer to drawing AI-254A for reference.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yes, power is required. Refer to drawing AI-254A for reference.</strong></td>
<td>Champlin / AEI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
410A, 410B, 410C and 460A which have electrified door hardware. Is power required?

AEI
drawing AI-254A for reference

117 Drawing EF-254C does not indicate power to doors 460B and 460C which have electrified door hardware. Is power required?

Champlin / AEI
Yes, power is required. Refer to drawing AI-254C for reference.

118 Drawing EF-255A does not indicate power to door 508 which has electrified door hardware. Is power required?

Champlin / AEI
Yes, power is required. Refer to drawing AI-255A for reference.

119 Drawing ES-152A identifies work at Phase 1 doors 260A and 261. What changes are being proposed?

Champlin / CMTA
The Phase 1 REX buttons are being replaced and a motion sensor added at door head.

120 Drawing ES-152C identifies work at Phase 1 doors 280. What changes are being proposed?

Champlin / CMTA
The Phase 1 REX buttons are being replaced and a motion sensor added at door head.

121 Drawing ES-153A identifies work at Phase 1 doors. What changes are being proposed?

Champlin / CMTA
Door 360 has REX button replaced and motion sensor added at door head. Doors 301B and 301C are being replaced, existing REX buttons to be removed, existing card readers to remain. Add door position switches. Doors 310A, B and C are being replaced and will require access controls including card readers, electrified hardware, REX buttons, door position switches and motion sensors at door head.

122 Drawing ES-153C identifies work at Phase 1 doors. What changes are being proposed?

Champlin / CMTA
Doors 370 and 370A have the REX button replaced and motions sensors added at door head.

123 Drawing ES-154A does not identify access controls at doors 410A, B and C. Are access controls needed at these 3 locations.

Champlin / CMTA
Yes, access controls will be required including card reader, electrified hardware, Rex button, door position switch and motion sensor. Refer to drawing AI-254A for reference.

124 Drawing ES-155A does not identify access controls at door 508. Will access control be needed.

Champlin / CMTA
Yes, access controls will be required including card reader, electrified hardware, REX button, door position switch and motion sensor. Refer to drawing AI-254A for reference.

125 Elevation 19/AI628D – Fixed Stainless Steel Shelving – Which bid package does this fall under?

WT
WC 10A

126 Elevation 19/AI628D – Fixed Stainless Steel Shelving – Which bid package does this fall under?

WT
WC 10A

127 Sheet EV-250B is noted as revised by Addendum #1, but the actual sheet was not included. Please advise.

Champlin
Included in addendum#2.

128 Page 14 of the Work Category 26A scope (Item #38) (revised by Addendum #1) indicates an allowance for exit signs, but the written number and numerical representation do not match (20 vs. 50). Which is correct?

WT
Twenty (20) – any additional additional exit fixtures not required will have the cost credited back to the Owner.

129 Work Category 26A indicates an alternate for smoke detectors, but no blank for the price to be placed. Should we write the price in adjacent to the alternate description in the bid form?

WT
Yes

130 Work Category 26A indicates an alternate for smoke detectors: are those devices and cabling to be included in

It is for additional cost to be provided in bid package 26A
131. Is there a lightning protection spec, does this apply to the project?

AEI

No. Spec section has been deleted.

132. There are no feeder sizes (conduit and wire) for the four panels on Sheet EF-553.

AEI

See updated sheet EF-553 in addendum #2.

133. On the ES drawings the following notes are on the floor plans but not on the Tagged note schedule: #29, 31, 32, 37, 40, 41, 42, 43, 44, & 45. Please advise.

CMTA

See Addendum #2 for updated tagged note schedule.

134. There seems to be some confusion regarding the Vivarium Scope. Please identify who has the Vivarium package. There is a Vivarium lighting control spec (260973) and a Vivarium equipment spec (115400). Is any portion of those specs to be included in the electrical package? A responsibility matrix would be very helpful clarifying this. Would you consider specifying an turnkey allowance for the Vivarium lighting control system, if it is to be included in the electrical package?

WT

There is no bid package for the Vivarium. If it is an electrical scope of work it is included in the Bid Package 26A. No turnkey allowance will be issued for the Vivarium.

135. What is the scope of work regarding the JCI fire alarm $100,000 allowance? Does the allowance included cabling and devices? Scope Item #44 indicates duct detectors should be furnished. Are the furnishing of those duct detectors in addition to the allowance?

WT

This allowance is above and beyond the scope of the fire alarm system. This trade shall provide a fully operational system for the fire alarm design.

136. Please confirm if bid package 09A to include continuous metal enclosure shown as axiom or equal of 12/AI660 (addendum 1), metal trim of 13/AI660 and 5/AI661 between radiant heat ceiling panel and exterior wall. Please note, closure panel is not only included in bid package 21A - Shades; note 2, but also included in specification section 122413 ROLLER WINDOW SHADES; PART 2, 2.2, G, closure panel and wall clip regardless if shade is required. continuous metal enclosure shown on detail AI660, AI661 is a two piece assembly (wall clip/closure clip) which both Armstrong ceiling solutions and MechoShade system make. Please advice. This item is major.

WT

Bid Package 9A is to include the axiom or equal metal trim piece as indicated in the addendum #1.

137. Refer to #92 RFI responses from addendum 1. Specification section 099659 High performance fiberglass fiber reinforced wall & ceiling surface system, is found in lower level as PT-4, epoxy paint, on finish legend. Please double confirm if section 099659 should be included in package 09A instead of 09B or 09E. Thanks.

WT

It should be Bid Package 9B as stated in RFI #92

138. Refer to #54 RFI responses from addendum 1. FWC 3, FWC 4 is wall fabric, which is by Bid package 06 per note 11 of 06A scope of work. Please confirm.

WT

This should be furnished and installed under Bid Package 6, the reference to fabric panels in bid package 9A should be deleted.

139. Please confirm if bid package 09A to include substrate plywood as rough carpentry is in multiple packages. Also, Refer to detail AI-673. Please confirm if plywood shown in this detail should be by trade contract 09A.

WT

Yes Bid Package 9A is to furnish and install this plywood
<table>
<thead>
<tr>
<th>BIDDER QUESTIONS</th>
<th>WT</th>
<th>140</th>
<th>What is the desired weight capacity for the 1st floor scaffold dock for estimating purpose.</th>
<th>7,100 pound capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>141</td>
<td>WT</td>
<td>What is the desired weight capacity for the landing platforms for estimating purpose?</td>
<td>7,100 pound</td>
<td></td>
</tr>
<tr>
<td>142</td>
<td>WT</td>
<td>Please provide metal stud drywall/acoustical ceiling cut detail for gray area between Corridor 501A and 501, 401A and 401.</td>
<td>See attached soffit detail for metal panel soffit section.</td>
<td></td>
</tr>
<tr>
<td>143</td>
<td>WT</td>
<td>Please provide location on plans and details for Limestone soffit, STN-1 of reflected ceiling plan legend.</td>
<td>There are no limestone soffits in Phase 2. All grey shaded areas on the RCP are metal panel.</td>
<td></td>
</tr>
<tr>
<td>144</td>
<td>WT</td>
<td>Please provide content for keynote 15 on reflected ceiling plan. Refer to elevator lobby of level for area A on reflected ceiling plan.</td>
<td>Keynote 15 refers to the elevator smoke curtain at each elevator door head. This device will need to be integrated with the metal panel soffit.</td>
<td></td>
</tr>
<tr>
<td>145</td>
<td>WT</td>
<td>Please confirm if trade package 023A to furnish and install radiant heat ceiling panel complete system</td>
<td>Bid Package 23A is confirmed</td>
<td></td>
</tr>
<tr>
<td>146</td>
<td>WT</td>
<td>Please clarify what feature ceiling is. Refer to Trade Contract – 09A – Drywall and Ceilings bid scope number 1.</td>
<td>1. Ceilings – This Subcontractor understands that the suspension system for drywall ceilings, soffits, light covers, acoustical, and feature ceilings shall be installed not only to carry the loads of the ceilings, but also the superimposed loads of light fixtures, grills and diffusers, and other similar items installed in the ceiling. This work shall be coordinated with other trades to provide required cut-outs and supplemental supports as required for a complete system. All related accessories and trim materials shall be furnished and installed by this Subcontractor.</td>
<td></td>
</tr>
<tr>
<td>147</td>
<td>WT</td>
<td>Please clarify location of Acoustical Wall Panel which bid package 09A needs to include. If any.</td>
<td>Delete reference to bid package 9A acoustical wall panels. There will be no acoustical wall panels in phase 2 work.</td>
<td></td>
</tr>
<tr>
<td>148</td>
<td>WT</td>
<td>Addendum #1 made some changes to the “Wall and Door Protection” spec (102600). One of the changes was that it changed the wing size of the corner guards to 1.5”x1.5”. I believe this only relates to the corner guards that will be used on the frames as jamb protection. Please clarify as to whether this new wing size applies to the other corner guards on the project or if those are still to be 3”x3”.</td>
<td>Other corner guards will be 3”x3” to match existing</td>
<td></td>
</tr>
<tr>
<td>149</td>
<td>WT</td>
<td>For the tackable wall covering, pg. AI-724 states that it needs to match Kentucky Blue Pantone. After speaking with Walltalkers, I was informed that they are not able to match custom colors. Should this just be quoted as a standard color?</td>
<td>We have attached the approved submittal substitution accepted in phase 1 with the color selection that this bid package would need to match.</td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>WT</td>
<td>Refer to detail/AG-071. Please confirm if patching back (bottom of top track cavity) of spray applied fire proofing at head of wall is required. If required, would it be by bid package 21A allowance?</td>
<td>We can confirm the fire proofing conditions must remain in effect that the system maintains it’s rating. Any disturbance created must be corrected</td>
<td></td>
</tr>
</tbody>
</table>
by the contractor creating the disturbance.
3-5/8" STEEL STUDS @ 16" O.C.; FRAME DOWN FROM STRUCTURE ABOVE

J-BEAD AT GYP BOARD EDGES

CONTINUOUS FRT WOOD BLOCKING PAINTED TO MATCH METAL PANEL

ALIGN

METAL PANEL

VARIES

SEE R.C.P.

5/8" TYPE X GYPSUM SHEATHING

1/4" REVEAL, BOTH SIDES

CEILING AS SCHEDULED, SEE REFLECTED CEILING PLAN
**SUBMITTAL NUMBER:** 10A-101100-02-00

**ITEM(s):** Tackboards Product Data and Samples

<table>
<thead>
<tr>
<th>CONSTRUCTION MANAGER:</th>
<th>ARCHITECT/ENGINEER:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Whiting-Turner Contracting Company</td>
<td>Champlin Architecture</td>
</tr>
<tr>
<td>One Lakeside Commons</td>
<td>720 E Pete Rose Way</td>
</tr>
<tr>
<td>990 Hammond Drive, Suite 1100</td>
<td>Suite 140</td>
</tr>
<tr>
<td>Atlanta, GA 30328</td>
<td>Cincinnati, OH 45202</td>
</tr>
</tbody>
</table>

**WHITING-TURNER STAMP**

- SHOP DRAWING REVIEW
- REVIEW IS FOR GENERAL COMPLIANCE
- WITH CONTRACT DOCUMENTS
- NO RESPONSIBILITY IS ASSUMED FOR
- CORRECTNESS OF DIMENSIONS

<table>
<thead>
<tr>
<th>NO EXCEPTIONS TAKEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAKE CORRECTIONS</td>
</tr>
<tr>
<td>REVISE &amp; RESUBMIT</td>
</tr>
<tr>
<td>REJECTED – SEE REMARKS</td>
</tr>
</tbody>
</table>

**WHITING-TURNER**

<table>
<thead>
<tr>
<th>DATE</th>
<th>BY</th>
</tr>
</thead>
</table>

**CHAMPLIN**

- **NO EXCEPTIONS NOTED**
- [ ] EXCEPTIONS AS NOTED
- [ ] EXCEPTIONS AS NOTED
- [ ] RETURN FOR CORRECTIONS

*THE CONTRACTOR MUST CHECK AND VERIFY ALL DRAWINGS ONLY FOR DEVIATIONS FROM CONTRACT DOCUMENTS. REVIEW DOES NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OR DEVIATIONS FROM CONTRACT.*

**BY:** Lauren Meister **DATE:** 08/04/2017

Substitution Request attached

“Stone” Color samples included

Installation instructions and sample warranty also included.
CSI Form 13.1A

SUBSTITUTION REQUEST FOR CAUSE

Project: [Project Name]

Substitution Request Number: ____________________________

From: [Name]

Date: [Date]

To: [Name]

A/E Project Number: ____________________________

Re: [Reason]

Contract For: ____________________________

Specification Title: [Title]

Description: [Description]

Section: [Section]

Page: [Page]

Article/Paragraph: [Paragraph]

Proposed Substitution: [Substitution]

Manufacturer: [Manufacturer Name]

Address: [Address]

Phone: [Phone]

Trade Name: [Trade Name]

Model No.: [Model Number]

Installer: [Installer Name]

Address: [Address]

Phone: [Phone]

History: □ New product  □ 1-4 years old  □ 5-10 years old  □ More than 10 years old

Differences between proposed substitution and specified product: [Details]

☐ Point-by-point comparative data attached —REQUIRED BY A/E

Reason for not providing specified item: [Reason]

Similar Installation:

Project: [Project Name]

Architect: [Architect Name]

Address: [Address]

Owner: [Owner Name]

Date Installed: [Date]

Proposed substitution affects other parts of Work: □ No  □ Yes; explain [Explanation]

Savings to Owner for accepting substitution: ____________________________( $ ____________ )

Proposed substitution changes Contract Time: □ No  □ Yes [Add] [Deduct] ____________ days.

Supporting Data Attached: □ Drawings  □ Product Data  □ Samples  □ Tests  □ Reports  □ [Other]
The Undersigned certifies:
• Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
• Same warranty will be furnished for proposed substitution as for specified product.
• Same maintenance service and source of replacement parts, as applicable, is available.
• Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
• Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
• Proposed substitution does not affect dimensions and functional clearances.
• Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
• Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: ____________________________

Signed by: ____________________________

Firm: ____________________________

Address: ____________________________

Telephone: ____________________________

Attachments: □

A/E's REVIEW AND ACTION

☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: ____________________________ Date: ____________________________

Additional Comments: □ Contractor □ Subcontractor □ Supplier □ Manufacturer □ A/E

□ Other: □ Contractor □ Subcontractor □ Supplier □ Manufacturer □ A/E
Here is some information about Tac-wall including the installation instructions. You asked about issues with the roll peeling off the wall. If installed and handled properly, you will have no issues with that. Tac wall must be unrolled and laid out FLAT for 24 hours in the facility to get acclimated. This will help eliminate the "roll stretch" and keep the product from peeling up after being rolled. Also, you must make sure to apply enough adhesive and make sure the adhesive is still wet when you apply the product. Last, after the tac wall is up, you must go back with a heavy pressure roller. Roll all over the product to make sure it has bonded tightly with the glue.

Your customer can be assured that we have this product up in both Miami of Ohio and University of Cinci - both have been up for years and still look great.
KOROSEAL INTERIOR PRODUCTS
SMSJ200001
J TRIM - 3/8″ - 5/16″ FACE
SECTION 09726
TACKABLE WALLCOVERING

PART 1 - GENERAL

1.1 SUMMARY

EDIT ITEMS NOT INCLUDED IN THIS PROJECT.

A. Section Includes:
   1. Resilient cork/linoleum tackable wallcovering.
   2. Accessories.

B. Related Sections/Items:
   1. Primer/sealer application on gypsum board substrate, refer to Section 09900.
   2. Sheet vinyl wall covering, refer to Section 09950.
   3. Markerboards and tackboards, refer to Section 10110.

1.2 SUBMITTALS

A. Comply with Section 01330.
B. Product data indicating compliance with specified requirements.
C. Installation Instructions.
D. Samples: 6 X 9 inch (150 x 225 mm) samples of each type of tackable wallcovering material required.

1.3 QUALITY ASSURANCE

A. Fire Performance Characteristics: Comply with fire performance characteristics indicated below. Identify components with markings from testing and inspection organization.
   1. ASTM E 84 (Fuel contribution) - Class B
   2. NFPA253 (Critical Radiant Flux) - Class II
B. Single Source Responsibility: Obtain tackable wallcovering system components from a single source.

DELETE PARAGRAPHS C AND D BELOW IF DIVISION 1 REQUIREMENTS SATISFY PROJECT REQUIREMENTS.

C. Deliver materials in original factory wrappings and containers, clearly labeled with manufacturer, brand name, and fire hazard classification.
D. Store materials in original, undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, and extreme temperatures. Maintain room temperature within the storage area at not less than 68º F (20º C) during the period materials are stored.
E. Mock-ups: Prepare mock-ups for Architect's review and to establish requirements for seaming and finish trim.
   1. Correct areas, modify method of application/installation, or adjust finish texture as directed by Architect to comply with specified requirements.
   2. Maintain mock-ups accessible to serve as a standard of quality for this Section.
   3. Install sample panel of each type of wallcovering specified.
   4. Install panels in areas designated by Architect.
1.4 PROJECT CONDITIONS

Maintain ambient temperature within the building at not less than 68º F (20º C) for a minimum of 72 hours prior to beginning of installation.

1. Do not install tackable wallcovering until the space is enclosed and weatherproof.
2. Do not install tackable wallcovering until temperature is stabilized and permanent lighting is in place.

1.5 MAINTENANCE

A. Maintenance Instructions: Include precautions against cleaning materials and methods that may be detrimental to finishes and performance.
B. Extra Materials: Deliver to Owner extra materials from same production run as installed products. Package with protective materials.

1.6 WARRANTY

Submit manufacturer’s limited five-year written warranty against manufacturing defects.

PART 2 - PRODUCTS

2.1 PRODUCTS

**tac•wall®** resilient, tackable, linoleum surface material. Width: 48 or 72 inches. Gauge: 1/4 inch. ± 90 lineal foot rolls. Flexible enough to bend around a 2-3/4 inch diameter cylinder. Dimensionally stable due to burlap backing.

**Walltalkers® tac•wall**: Uni-color, resilient, homogeneous, tackable linoleum surface consisting of linseed oil, granulated cork, rosin binders, and dry pigments calendared onto natural burlap backing. Color shall extend through thickness of material.

2.2 ACCESSORIES

A. Adhesive: Solvent-free, SBR type linoleum adhesive (L-910) or polyvinyl acetate dispersion type (contact adhesive) when used in press.
B. Color matched caulk:
   1. C100-01: Acrylic Caulk Autumn.
   2. C100-02: Acrylic Caulk Charcoal.
   3. C100-03: Acrylic Caulk Peridot.
   5. C100-05: Acrylic Caulk Old Blue.
   10. C100-87: Acrylic Caulk Sandalwood.
C. Colonial **tac•wall®** Wood Trim: Provide wood trim in random lengths of 8 feet to 12 feet.
   1. WTWC-M0: Colonial **tac•wall** Maple wood trim, unfinished.
   2. WTWC-M1: Colonial **tac•wall** Maple wood trim, clear coat.
   3. WTWC-M2: Colonial **tac•wall** Maple wood trim, red oak stain.
   4. WTWC-M3: Colonial **tac•wall** Maple wood trim, cherry stain
   5. WTWC-MC: Colonial **tac•wall** Maple wood trim, specify custom stain.
   6. WTWC-R0: Colonial **tac•wall** Oak wood trim, unfinished.
   7. WTWC-R1: Colonial **tac•wall** Oak wood trim, clear coat.
   8. WTWC-R2: Colonial **tac•wall** Oak wood trim, red oak stain.
   9. WTWC-R3: Colonial **tac•wall** Oak wood trim, cherry stain.
   10. WTWC-RC: Colonial **tac•wall** Oak wood trim, specify custom stain.
D. J-Trim for tac•wall
   JTRM-00: Clear satin, anodized aluminum, 1/4 inch profile trim

E. Q-Pins:
   1. WTQP-00: 24 Push Pins Black and White.

PART 3 - EXECUTION

3.1 EXAMINATION

Examine areas and conditions in which tackable wallcoverings will be installed.

1. Complete finishing operations, including painting, before beginning installation of
   tackable wallcovering materials.
2. Wall surfaces to receive wallcovering materials shall be dry and free from dirt,
   grease, loose paint, and scale.
3. Do not proceed with installations until satisfactory conditions have
   been corrected.

3.2 PREPARATION

A. Surface Preparation: Remove hardware, accessories, plates, and similar items to allow tackable
   wallcovering to be installed.
   1. Plaster surface: Remove surface chalk. In new work, use moisture meter to determine
      moisture content. Do not begin installation when moisture content is greater than
      five percent.
   2. Gypsum board surface: Recess nails and screws. Repair irregular tape joints, sand
      and remove dust.
   3. Painted surface: Remove loose paint or scale. Sand surface of enamel or gloss paint
      and wipe clean with damp cloth.
   4. Ensure gypsum wallboard surfaces scheduled to receive wallcovering are properly
      primed with a quality acrylic wallcovering primer under Section 09900.

B. Prime substrate as recommended by manufacturer.

3.3 APPLICATION

A. Comply with manufacturer’s printed installation instructions.
B. Cut sheets to size including 2 to 3 inches of overage. Allow sheets to lay flat for at least
   24 hours prior to the application. Mark roll direct on the backside of each sheet. Hang sheets
   in sequence as cut from the roll, do not reverse every other sheet.
C. Permanent HVAC system should be set to 68º F (20º C) for at least 72 hours prior to, during,
   and after the installation.
D. Back roll each sheet prior to the installation to release curl memory.
E. For seamed applications, using a seam and strip cutter remove the factory edge of one sheet.
   Using the same tool, overlap and trace cut the mating edge of the second sheet. Repeat this
   step for as many sheets as required for the job.
F. Scribe, cut, and fit material to butt tightly to adjacent surfaces, built-in casework, and permanent
   fixtures and pipes.
G. Apply adhesive (only enough to hang one sheet at a time) with a 1/16 inch trowel to the area
   to receiving the sheet.
H. Work from top to bottom then side to side. Roll sheet firmly into adhesive for positive contact
   and to remove air bubbles.
I. Remove adhesive residue immediately.

JOINTS MAY BE BUTTED, V-GROOVED, SPACED WITH REVEAL, OR JOINED WITH
DECORATIVE T-MOLDING.
3.4 CLEANING

A. Clean wallcovering using a sponge with a neutral pH cleaning solution. Do not use abrasive cleaners. Rinse thoroughly with water and let dry before using.

B. Remove excess adhesive using methods and materials recommended by manufacturer.

3.5 PROTECTION

Protect installed product and finish surfaces from damage during construction.

END OF SECTION

© Koroseal Interior Products, LLC
Installation Tools / Supplies List
for tac•wall™ tackable wallcovering

- tac•wall installation video (walltalkers Part # TACV)
- Step Ladder
- Heavy Pressure Roller (Korogard Part # R333 or similar)
- Round Edge Seam Roller (available through floor covering stores: Gundlach Part # 1-S or similar)
- 1/16" Square Notched Trowel (Korogard Part # T001 or similar)
- L910 Linoleum Adhesive
- (2) Utility Knives
- Straight Utility Blades
- Wide Throat Hooked Utility Blades
- Roofing Felt or Red Rosin Paper (for pattern making)
- 1' Carpenters Square
- 4' or 6' Straight Edge (available through floor covering stores: Crain Part # 334S and 334)
- Extension Dividers (available through floor covering stores: Gundlach Part # 206C or similar)
- Pencil
- Chalkline
- 25' Tape Measure
- Masking Tape
- Seam & Strip Cutter (walltalkers Part # T103)
- Seam & Strip Cutter Replacement Straight Blades (walltalkers Part # T536 or similar; holes in replacement blades must match alignment pins in cutter)
- 4' Level or Plumb
- Bucket of Clean Soapy Water
- Soft Clean Cloths (many)
- Mineral Spirits
General

- The permanent HVAC system must be turned on and set to a minimum of 68°F (20°C) for a minimum of 72 hours prior to, during, and after installation. After the installation, the maximum temperature should not exceed 100°F (38°C).
- Only L910 Adhesive (available from walltalkers®) should be used.
- Use a 1/16" x 1/16" x 1/16" square notch trowel only.
- Ensure the tac-wall has been acclimated to the installation area for a minimum of 24 hours prior to installation.
- Material should always be visually inspected prior to installation; any material installed with visual defects will not be considered a legitimate claim as it pertains to labor cost.
- Wall must be smooth, rigid, flat, dry, clean, and free of all foreign materials such as dust, paint, grease, oils, solvents, sealers, and adhesive residue.
- All tac-wall must be from the same lot for color matching of butted seams/same room wall installations.

PLEASE NOTE: Factory edges cannot always be butted together due to shipping and because the factory edges are not always straight.

- Apply the tac-wall with burlap (jute) backing to the wall.
- Perform an adhesive bond test prior to installation to ensure an adequate bond.
- tac-wall will expand slightly in width and shrink slightly in length when placed into the adhesive. Proper installation procedures will compensate for this.
- Do not reverse sheets for seaming.
- Install one sheet at a time.
- Install all cuts and rolls in consecutive sequence.
- Ensure that all recommendations for jobsite conditions are met prior to beginning the installation. Once the installation is started, you have accepted those conditions.

1. Application possibilities

- tac-wall can be applied in two different ways:
  - Installed as a notice board or a panel for furniture workstations/partitions.
  - Installed to cover entire walls/parts of walls.

1.1 Installing tac-wall as a notice board or a panel for furniture workstations/partitions

**Cutting Sheets**

Unroll tac-wall and cut to the length, adding 2" to 3" of overlap, preferably 24 hours prior to installation. Lay sheets flat and allow them to acclimate at a minimum temperature of 68°F (20°C). Back roll sheets once in reverse direction to release roll stretch and end curl. Tac-wall shrinks lengthwise (1% at maximum) and expands slightly widthwise.

**Choice of Adhesive**

Apply L910, a SBR solvent free adhesive, with a 1/16" x 1/16" x 1/16" square notched trowel. When using a press, the use of high-quality polyvinyl acetate dispersion adhesive may be used in a double-stick method.

**Adhering & Pressing**

Adhere the tac-wall onto the surface of a backing board and press firmly with a hand roller, or with a press. Using a press enables a number of tac-wall covered sheets to be pressed simultaneously.

**Sawing/Milling to Size**

Test the tac-wall for proper adhesion then saw or mill to size.

**Note:** Always use sharp tools for best results.

**Finishing Off Edges**

The edges can be finished by:
- Fitting a frame around the edge
- Beveling the edges
- Milling to desired edge
- Cutting the edges straight

**Backing/Counter-Balancing**

Standard recommendation: For proper counter-balancing, the back of the board should also be covered with the same material as that pasted on the front, in the same direction, with the same type of adhesive and, if possible, at the same time. Depending on the thickness, symmetrical construction and rigidity of the surface (MDF, plywood, etc.) other materials can also be used, such as foil, laminates, impregnated paper, or marine lacquer sprays. We recommend conducting a test installation if you have not worked with the materials before.

1.2 Installing tac-wall to cover entire walls/parts of walls

**Wall Conditions**

Tac-wall can be adhered directly onto walls, which are compression and deformation resistant, and permanently dry, smooth, and clean. Fill in crevices on non-smooth walls and sand. Lightly sand off any existing adhesive residue. Be sure the walls being covered are clean and free of dust. This is to ensure proper bonding with the adhesive. It is always best to conduct an adhesive bond test prior to installation.

**Job Conditions**

Cut sheets of tac-wall to required length, adding 2" to 3" extra, preferably 24 hours prior to installation. Lay sheets flat and allow them to acclimate with the permanent HVAC system set at a minimum of 68°F (20°C) for at least 72 hours prior to, during, and after the installation. If possible, store sheets in the room they are to be installed. Tac-wall shrinks lengthwise (1% at maximum) and expands slightly widthwise.

**Cutting to Size**

For the best results, remove factory edge from both sides of the first panel with a seam and strip cutter (available from walltalkers). A straight edge, utility knife, or hooked blade knife may also be used to trim the factory edge. Trim off approximately 1/2". With a utility knife, score material about one third of the material thickness. Then, with the hooked blade knife, cut along the score line, holding the knife at an angle to slightly undercut the edge. For best results, do not use sheets less than 39" wide.

If subsequent sheets are to be installed, trace cut the edges with the seam and strip cutter. Follow instructions provided with the tool and/or request a copy of the tac-wall installation video from your distributor.
CHOICE OF ADHESIVE
Dry fit the sheet and direct scribe, using a divider tool, along the ceiling and floor. Score and undercut the sheet along the scribe marks. Prior to installation, back roll sheets once in reverse direction to release roll stretch. Draw a perpendicular pencil line on the wall for your starting edge. Draw another perpendicular pencil line for the opposite side of the tac-wall panel. For best results, use L910 adhesive. Typically, the working time of the L910 is 15 minutes (temperature and humidity may affect working time). Apply adhesive to the wall (between the perpendicular pencil lines) with a putty knife and spread with a 1/16" square notched trowel. Only apply enough adhesive to adhere to one panel at a time. If necessary, apply 10" to 12" of contact adhesive or acrylic dispersion to the piece installed, measure and make a pencilline for the opposite edge of the wall. Firmly roll through the width then the length with a heavy pressure roller to ensure proper transfer of adhesive and to remove all air bubbles. Remove adhesive residue immediately with a damp cloth. Mineral spirits may be used to remove dried adhesive from the surface of the tac-wall. The first sheet should now be fully cut in, adhered, and rolled.

NOTE: On non-porous walls it is best to let the adhesive flash off at least 50% (make sure adhesive remains wet enough to transfer to the burlap backing) before applying the tac-wall material. This will give better initial tack and allow the adhesive to cure properly.

SEAMING WITH SUBSEQUENT SHEETS
Install all tac-wall in the same direction. Using the edge of the first piece installed, measure and make a pencil line for the opposite edge of the next panel to be installed. Dry fit the next sheet and direct scribe, using a divider tool, along the ceiling and floor. Score and undercut the sheet along the scribe marks. Spread the L910 adhesive with proper-notched trowel. Spread from the edge of the first sheet to the pencil line at the seam edge of the second sheet. Press firmly into place with a heavy pressure roller. Roll seam with hand roller. Remove adhesive residue immediately with warm water and a mild detergent. Dried adhesive can be removed with mineral spirits. Repeat the same procedures for each sheet, completing one sheet at a time until the job is completed.

NOTE: When installing tac-wall to cover an entire wall, it is best to finish off walls with crown molding and base. In your take offs, order enough material so that you won’t have any cross or butt seams.

NOTE: Another acceptable method for fitting the tac-wall in an entire wall installation is to pattern scribe the material. This would be recommended when the material has to be fit to the exact size without the use of molding or base.

FINISHING OFF JOINTS
Possibilities:
- Install tac-wall sheets with trace cut edges butt against each other, use seam and strip cutter.
- Install tac-wall sheets with trimmed factory edges butt against each other, and gouge out grooves between the sheets with the grooving gauge.

FINISH
Finish off wall with strips and skirting.

INSIDE CORNERS
For best results, pattern scribing the material will ensure a tight fit between the tac-wall sheets.

OUTSIDE CORNERS
For the best finish look, an outside corner guard profile should be used. This will ensure adequate protection and durability to the installation.

2. maintenance instructions for tac-wall
Tac-wall is supplied with a smooth finish and is very easy to clean.

2.1 after installation
Tac-wall is ready for immediate use. Adhesive residue should always be removed as quickly as possible with a clean damp cloth. Dried adhesive residue should be cleaned with a clean cloth and mineral spirits.

2.2 regular maintenance
Regular dusting or, if necessary, wiping with a damp cloth guarantees a long useful tac-wall life.

NOTE: Tac-wall does not normally need a special maintenance product.

2.3 intensive maintenance
Clean tac-wall with a soft brush or cloth and lukewarm water using a neutral pH (7-8.5) cleansing agent, such as Marmoleum Floor Cleaner. Remove water with a squeegee and a cloth. Rinse with clean water to prevent the formation of white residue. Use a squeegee once more to remove water.

2.4 drying room film
Tac-wall is made from natural raw materials. While it is maturing in the drying stoves, a yellow coat, termed “drying room film” may appear on the surface. This occurs during the manufacturing process. This film, caused by oxidation of linseed oil, occurs intermittently and with varying intensity. It is most noticeable on the blue and gray shades. However, the discoloration is only TEMPORARY.

www.walltalkers.com
Tac•wall®

LEED: Leadership in Energy & Environmental Design
Green Building Rating System
(U.S. Green Building Council)

Rapidly Renewable Product Content:

• Granulated Cork
• Linseed Oil
• Rosin Binders (tapped from pine trees)
• Natural Jute Backing

Other Product Content:

• Dry Pigments

Manufacturing Process:

Tac•wall is biodegradable, hygienic, and an extremely durable product. The material is produced by mixing linseed oil, rosin binders (tapped from pine trees), granulated cork, and dry pigments. The mixture is then calendared on natural jute backing to the required elasticity. Lead, Cadmium, nor Formaldehyde are used in the manufacturing process of tac•wall.

Installation:

• tac•wall is used in conjunction with a water-based adhesive (solvent free)
• Trowel on with a 1/16" square-notched trowel
• Apply material to wet adhesive
• Cover entire surface with heavy pressure roller
• Wipe adhesive residue while wet with warm soap/water solution
• See installation instructions for further detail
Koroseal Interior Products, LLC certifies that walltalkers **tac•wall** tackable wallcovering:

- Contains 52% pre-consumer recycled content by weight per lineal foot
- Contains 62% rapidly renewable material (will regenerate in ten years or less)
- Meets California Indoor Air Quality Specification 01350

Walltalkers **tac•wall** tackable wallcovering can contribute to a building achieving the following points in the United States Green Building Council’s LEED® rating system:

- Materials & Resources Credits 4.1 and 4.2; Recycled Content; LEED-NC, LEED-CI, LEED-Schools
- Materials & Resources Credit 6; Rapidly Renewable Materials
- Indoor Environmental Quality 4 (Option 1) Schools; Low-Emitting Materials; LEED-Schools

Koroseal Interior Products, LLC certifies the adhesive used to install walltalkers **tac•wall** tackable wallcovering:

- Is a water based adhesive that meets South Coast Air Quality Management District Rule # 1168

The adhesive used to install walltalkers **tac•wall** tackable wallcovering can contribute to a building achieving the following LEED points in the United States Green Building Council’s LEED® rating systems:

- Indoor Environmental Quality 4.1; Low-Emitting Adhesives and Sealants; LEED-CI, LEED-NC
- Indoor Environmental Quality 4 (Option 1) Schools; Low-Emitting Materials; LEED-Schools

**LEED®** is a registered trademark of the United States Green Building Council. **walltalkers®** and **tac•wall®** are registered trademarks of Koroseal Interior Products, LLC.
All walltalkers® surfaces are warranted for five years not to crack, chip, check, or peel, to resist staining and yellowing, and to show no appreciable fade when used with the appropriate dry erase markers and properly cleaned and maintained.

Walltalkers warrants that walltalkers products will be free from any defects in material or workmanship and will meet the design criteria noted in our catalogs when properly applied and installed per our recommended installation instructions. If, in the sole opinion of walltalkers, a product covered by this warranty is defective, walltalkers will replace it free of charge. This warranty shall extend for a period of five years from the date of shipment by walltalkers. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED AND IS THE SOLE WARRANTY EXTENDED BY WALLTALKERS. The liability of walltalkers under this material warranty is limited to the replacement of walltalkers products and does not include any responsibility for other damages.