
ADDENDUM #02 TO THE PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS

FOR

NEW HEALTH SCIENCES BUILDING – BID PACKAGE 04
UNIVERSITY OF LOUISVILLE
LOUISVILLE, KY

DESIGN TEAM

Champlin EOP	Architect of Record
Perkins&Will	Architect
Gresham Smith	Civil / Landscape
KPFF	Structural Engineer
CMTA	Mechanical / Electrical / Plumbing / Fire Protection / AV
NV5	AV / Lighting
Introba	Medical Equipment
Jensen Hughes	Life Safety

**BIDDERS MUST ACKNOWLEDGE THIS
ADDENDUM IN THE “FORM OF PROPOSAL”**

BID DATE – 2/11/26 @ 12:00 noon –

BC-01 - Delivered via email to jlarkin@messer.com
BC-02 – Delivered via email to jamie.peck@louisville.edu

TABLE OF CONTENTS:

1. **Drawing Items** – *Note - All Drawings and Specifications changes have been noted Addendum 01 Dated 1/23/26 and are being issued via Addendum 02.*
2. **Bidder Questions**
3. **Specification Items**
4. **CM Scope Changes**

Drawings:

General: G00-00

Civil: C001, C100, C101, C200, C301, C303, C304, C305, C400, C500, C510, C905, C906

Structural: S01-01, S01-04, S10-01, S11-01A, S11-01B, S11-01C, S11-10, S11-11, S20-06, S30-01, S30-02, S30-03, S30-04, S30-05, S30-06, S30-07, S30-08, S30-09, S30-10, S30-11, S30-24

Electrical: ES1-01

Drawing Notes:

1. Sheet C001
 - a. Layout and Paving Note #6 revised for concrete expansion joints to be maximum 50-foot spacing.
 - b. Grading and Drainage Note #6 revised to reflect current surveyor and date of most recent survey.
 - c. Grading and Drainage Note #23 revised to reflect current geotechnical report provider and date of report.
 - d. Site Utilities Note #2-5 updated to reflect Louisville Water Company construction requirements.
 - e. Site Utilities Note #17 updated to reflect Louisville Water Company fire hydrant construction requirements.
2. Sheet C101
 - a. Removal of existing water service structures in S Preston St added.
 - b. Removal of utility lines omitted to correspond with work now part of BP01 COR1.
3. Sheet C200
 - a. Reference to Darcy well work to completed in BP06 added.
 - b. Additional notes added to reflect AHJ as-built & record drawing requirements.
4. Sheet C303
 - a. Elevations of storm pipe and structures revised to reflect new invert elevations exiting building.
 - b. Rainwater harvesting system sump pump structure added.
 - c. Retaining wall drain added.
 - d. Storm sewer main in E Gray St updated.
 - e. Additional detail for downspout tie in behind Public Health building added.
 - f. Additional information added to wall drain.
5. Sheet C304
 - a. Structure and pipe table updated to reflect new invert elevations exiting building.
6. Sheet C305
 - a. Pipe/structure elevations and sloped updated to reflect new invert elevations exiting building.
 - b. Design flow of storm water quality structures updated.
 - c. Profile views show standard cover over systems.
7. Sheet C500
 - a. Revised hydrant relocation on S Preston St.
 - b. Connection from rainwater system sump manhole to building updated.
8. Sheet C510
 - a. Elevations of sanitary sewer pipe and structures updated to reflect new sanitary sewer invert exiting building.
 - b. Additional detail for sanitary sewer grinder pump added.
 - c. Sanitary grinder pump installation sequence added.
9. Sheet S01-01
 - a. Design Criteria typo correction
10. Sheet S10-01
 - a. Shoring notes added.
11. Sheet S11-01A

- a. Column tag revised at grid intersection: Ex1; Ex2
 - b. Enlarged plans 2/11-11; 2/S30-04 changes indicated
 - c. Referenced detail 4/S30-06 for sump pit
 - d. Detail at grid line Ex6 removed
 - e. Detail 5/S30-09 indicated
 - f. Clarification added to foundation symbol legend
12. Sheet S11-01B
- a. Column tag revised at grid intersection: Fx1; F3.3; Gx1; Hx1; G.4x2; Hx1; Hx2; Jx1; Jx3; Kx1
 - b. Section 5/S30-09 clarified
 - c. Referenced detail 4/S30-06 for sump pit
 - d. Enlarged plans 3/11-11; 2/S30-04 changes indicated
 - e. Dimensions for stair posts added
 - f. Step in pile cap shown on enlarged 1/S30-05 plan identified
 - g. Grade beam elevation adjusted at grid line J X 4-5
 - h. One end of grade beam elevation adjusted at Jx5
 - i. Sections 6/S30-07 and 6A/S30-07 added in between grid lines L x 5-8
 - j. Elevation 7/S20-06 added
 - k. Clarification added to foundation symbol legend
13. Sheet S11-01C
- a. Section 6A/S30-07 added
 - b. Clarification added to foundation symbol legend
 - c.
14. Sheet S11-10
- a. Clarification added to 2/S11-10
15. Sheet S11-11
- a. Clarification of sections added to enlarged plans 1;2 and 3/ S11-01
 - b. Grade beam changed at grid line K, vestibule 3/S11-11
 - c. Detail 10/S30-07 added
16. Sheet S20-06
- a. Wall elevation 7/S20-06 added
17. Sheet S30-01
- a. Augercast pilecap schedule notes; PC-15 and PC-18 changed
 - b. Pile cap section adjusted
18. Sheet S30-02
- a. Note added to PC-15
19. Sheet S30-03
- a. Dimension corrected
20. Sheet S30-04
- a. Pedestal note added at D.8x6
 - b. Adjustments of elevator pit location and sections
21. Sheet S30-05
- a. Step in pile cap added
 - b. Dimensions adjusted
 - c. Additional reinforcement indicated
22. Sheet S30-06
- a. Details 3;5;6;7 and 8 adjusted to reflect change in elevator pit size
23. Sheet S30-07
- a. Details 1;2;3 and 4 adjusted to reflect change concrete ledge
 - b. Detail 6A added
 - c. Dowel length clarified at detail 10
24. Sheet S30-08

- a. Details 2;3;4;5 adjusted
 - b. Details 8;9 and 10 added
25. Sheet S30-09
- a. Shoring note added to details 5 and 6
26. Sheet S30-10
- a. Detail 11 clarified
 - b. Shoring noted added to detail 6
27. Sheet S30-11
- a. Details 5 and 7 clarified
28. Sheet S30-24
- a. Column schedule adjusted

Bidder Questions:

- 1.**Question** – No description of work has been provided for 312200 GRADING and 312316 EXCAVATION like the descriptions of work provided for the other specification sections under BC-01. We need to know what the required work scope is for these 2 Bid Categories.
- Answer** – Not all work is defined in detail as part of the Bid Categories. Bidders should include the work needed to take the site from the current grade to the final sub grade.
- 2.**Question** - Are the plans included at the end of the Project Manual & Specifications showing LG&E / KU work for information only? Or, are certain work elements shown on these plans to be done by the BC-01 contractor?
- Answer** – The LG&E Plans are provided for reference. It is to ensure that the bidders are aware of the work being done by others on the site. LG&E work will only be done by LG&E.
- 3.**Question** - We are unable to find the “temporary asphalt pavement” to be installed following foundations.
- Answer** – Please see C-200 and 4/C901.
- 4.**Question** - Where does the existing utility pole shown on C500 get relocated to...or does “contractor to coordinate with utility companies” mean the utility company will decide the location?
- Answer** – LG&E is responsible for this pole relocation.
- 5.**Question** – Are Displacement Piles an approved alternate to the specified auger cast piles described in section 316316 AUGER CAST GROUT PILES?
- Answer** – At this time, the suggested method cannot be used as an alternate method.
- 6.**Question** - Are Grade Beams, Pile Caps and other foundation elements able to be poured with earth forming?
- Answer** – No, future underground plumbing, electrical and storm pipes have been coordinated around the designed foundation systems. Contractors shall form these systems and ensure they are poured within the specified tolerances.
- 7.**Question** - Reference the site Logistics Plan and Bid Category #02 Scope of Work item #10 regarding installing the Fencing. It appears that Water Filled Jersey Barriers will be used along with the fencing. Please clarify the fencing requirements and provide more detailed information as to where each type will occur. Gate sizes are needed also.
- Answer** - See the revised Logistics and MOT Plan attached.

8. **Question** - Reference drawing #C500 regarding the Underground Electric to be placed along Preston Street. It was mentioned at the Pre-Bid meeting that this work will be taking place in the near future. Note the following:
- Where is this new duct bank being placed? **Answer** - See LG&E Plans provided.
 - Is it close enough to the new foundations to require sheathing and shoring? **Answer** - BC-02 shall determine this with their shoring sub-contractor.
 - Can the timeframe for completing this work be provided? **Answer** - The LG&E work is planned to start in January. It may or may not be completed prior to this bid package starting.
 - Once this work is complete will the overhead lines and poles along Preston Street adjacent to the site be removed? Please confirm. **Answer** - Yes, they will be.
9. **Question** - Reference Bid Category #02 Scope of Work item #13 regarding Shoring, Lagging needed at the existing Garage. It appears that given the location of utilities along Preston Street that Shoring and Lagging may be required in order to excavate for the new pile caps. What Bid Category is responsible for this shoring if required? **Answer** - BC-02 is required to provide shoring, lagging or other means to protect the existing conditions. Reference the Geotechnical Report Rev. 1 in its entirety and Structural Plans. Specifically, 7.3.2. of the Geotechnical Report.
10. **Question** - Reference as examples details #6/S30-09, 06/S30-10, the scopes of work and the specifications. It appears by these details, that in lieu of shoring, underpinning of the existing foundations will be required instead. What are the Specification Requirements for Underpinning of the existing foundations? **Answer** - Potential shoring locations have been added to the structural plans. Furthermore, all sub-contractors are required to provide shoring or lagging where needed to perform their work. The means, methods, and design of these systems are by the subcontractor performing the work and must be submitted to the design team for review.
11. **Question** - Can the previous bid package documents associated with this project be provided as part of the project information? **Answer** - The existing conditions represented on the plans will be those left by the prior bid package contractors.
12. **Question** - Reference Bid Category 01 scope of work and the Geotech Report in regard to the fill materials encountered. Please confirm that Bid Category 01 will be responsible for correcting existing soils related to the existing fill as part of their building pad preparation and not part of Bid Category 02 Scope of Work? **Answer** - Each sub-contractor is responsible for understanding the protocols in the geotechnical report. If unsatisfactory soils are encountered outside of those expected, the CM must be notified.
13. **Question** - Reference specification section #01 22 00 Unit Prices, specification section #316316 Auger Cast Piles – 1.3 and the bid form. Unit prices are described in 316316 but are not found in the scheduled unit prices and the bid form. Can the associated Unit Prices for Auger Cast Piles be added to the Unit Price Schedule and the Bid Form? **Answer** - Unit Prices have been added to the bid form.
14. **Question** - Can the following Unit Prices be also included:
- Hourly Rates for downtime associated with Auger Cast Pile Obstructions. **Answer** - If obstructions are encountered, the Auger Cast Pile contractor shall move to the next closest location.
 - Excavation/Haulaway/Backfill Unit Prices associated with encountering Obstructions. **Answer** - No
 - Demolition/Removal/Backfill Unit Prices for encountered Obstructions. **Answer** - No

- d. Excavation, Haulaway and Replacement of Unsatisfactory Soils if required.
Answer – No
- e. Unit Prices related to earthwork referenced in 312323-1.03A. **Answer – No**

15. **Question** - Reference detail #11/C902 and the specifications. What are the specification requirements for the Stair Nosing?

Answer – Stair nosing to match existing stairs behind the School of Public Health and Information Sciences (concrete).

16. **Question** - Reference detail #11/C902 and the specifications. Which Bid Category Contractor is responsible for the handrails?

Answer – BC-02 14.i

17. **Question** - Reference detail #11/C902 and the specifications. What are the specification requirements for the handrails?

Answer – Handrails to match existing stairs behind the School of Public Health and Information Sciences.

18. **Question** - Reference the Bid Category 02 Scope of Work item #16 and the specifications:

- a. We are not finding a specification for Waterproofing. Can a specification be provided? **Answer –** Yes. See added specification.
- b. BC 02 scope of work item #16-b reads in part “extend to the top of the finished floor elevation at minimum.” Note that floors above the subgrade are not part of this scope. Please clarify. **Answer –** Waterproofing must extend to the top of the wall aka finished floor elevation.
- c. References to Waterproofing are only found on detail #4/S30-06 and this reference refers to architectural drawings. Can a clarification be provided to understand the extents of Waterproofing per this bid package? **Answer –** Elevator pit walls shall be waterproofed.

19. **Question** - Reference the Bid Category 02 Scope of Work item #12-b. Bid Category is directed to prepare the building pad to a subgrade of 458’-7”. Note that building the subgrade to elevation 458’-7” will bury the column and wall dowel locations:

- a. Is this the intent or will Bid Package 05 work overlap BP04 so that final subgrade will fill against the CIP columns and walls?
- b. Please clarify.

Answer – BC-02 12.b shall be amended to read - *Prepare building pad to a subgrade of 457’-6” by use of stone as specified to allow the future installation of walls, columns, slab on grade and perimeter stem walls. At the completion of BC-02’s work the subgrade must pass inspection by the owners special inspector. BP#5 will overlap with BP#4. Please see the updated schedule.*

20. **Question** - Reference the project schedule. We are not finding a timeframe for the underpinning and shoring system especially as it relates to the systems needed at the existing garage. Note that this activity will affect the Deep Foundation installation. Please clarify the timeframe for this activity.

Answer – BC-02 contractor is required to complete their scope of work within the timeframe provided. The Project Schedule represents milestones and will be turned into a final schedule using the procedures described in the project manual.

21. **Question** - Could you please give me the designed reaction loads at the top of the Auger Cast Piles? I will need compression, tension and lateral.

Answer – The pile design criteria are specified on Sheet S01-01, General Notes, issued with BID Pack 04 – Site Utilities & Foundations

22. **Question** - Please provide the allowable loads (compression, tension, lateral, and moments) for each and every column. Preferred output would be from the engineer's software as service loads (ASD output).
Answer – At this time loads cannot be provided. Bidders shall endeavor to price the auger cast piles as specified. It is expected that bidders price the size, length, and design of the pile as specified.
23. **Question** - Please confirm piles indicated with a ☉ are the piles subject to transient loads, and that piles indicated with a ○ are the piles not subject to transient loads.
Answer – The piles indicated in section B-B (marked ☉) are piles subjected to transient axial (compression and tension/uplift) and horizontal shear loads. The piles indicated in section A-A are not subjected to axial transient load (compression and tension/uplift) and are designed to resist transient horizontal shear load.
24. **Question** - Are we responsible for epoxy dowels at existing garage pile caps for future CMU wall tie-in or just the ones for grade beam tie-in?
Answer – Epoxy Dowels Only for Grade Beam Tie In.
25. **Question** - S11-11 shows 5/S40-03 but there is no page S40-03.
Answer - The section is removed from Bid Pack 04 via Addendum.
26. **Question** - S30-11 shows footing drains at the new retaining walls but that scope is not listed in our description. Do we include that or is it in another bid package?
a. If we supply, where do we daylight or tie in?
Answer – BC-02 shall install and route foundation drains to nearest storm sewer. BC-01 shall connect to the drain. See updated sheet C303.
27. **Question** - If the previous mass ex package is taking the grade to the underside of the slab, what elevation are they cutting to for foundation work?
a. After pouring pile caps, are we responsible for backfilling to the elevation that they had previously?
Answer – BC-02 is responsible for all cut or fill to both install the foundations and prepare the site for the work to follow as described in BC-02.
28. **Question** - Could the testing type (compression, tension or lateral) and quantity of test piles be clarified? Could the length and location of test piles also be provided? The specification calls for "one test pile for each soil profile type".
Answer – 2 tests shall be required. Locations to be provided in a coordinated effort by S&ME / KPFF / Sub-contractor. Please reference S&ME Report Rev.1 Dated 10/3/25 Section 7.6.1.1
29. **Question** - Reference drawing S30-01 (section B-B) Can the (2) # 9 bars be substituted for a single grade 75 or grade 150 with plate and nuts? If so, what bar should we assume?
Answer - #11 grade 80 bar with bar terminator can be used in lieu of (2) #9 bars grade 60 with 90° hook.
30. **Question** - Is the cage length (35'-0") for every length/type of pile or will this cage length vary with the differing pile lengths?
Answer – The cage length is the same for all piles.
31. **Question** - What are the FAA guidelines for cranes? Are we restricted with boom height? Are we required to lay down the crane each night?
Answer – Each Contractor is responsible for their own permits. FAA permitting is included in this.

32. **Question** - What are acceptable means and methods for shoring/underpinning? Are vibrating or driving of beams acceptable?

Answer – Means and methods for excavation shoring are the responsibility of the contractor. If these means and methods result in conditions which may be deleterious to adjoining structures, please specify this in your bid/response for review by Messer and consideration by the Geotechnical Engineer. Refer to Geotechnical Report, Excavation Specification 312316 and General Note sheet S01-01 for additional requirements.

33. **Question** - Can an allowance be set for winter heat?

Answer – No

34. **Question** - Confirm we are only installing the Tower Crane foundation and are not responsible for the actual installation of the tower crane. Also, are there any additional Auger Cast Piles needed than what are shown to support the Tower Crane?

Answer – BC-02 is responsible for the tower base as described in the Bid Category Description. Needed piles have been integrated into the foundation plans.

35. **Question** - BC-01 is providing the building pad at 457'5" and the subgrade of SOG is 458'7". Therefore, 1'2" of material will need to be installed to get to subgrade. Confirm the foundation spoils are acceptable to use for backfill.

Answer – See Answer to Question #19.

36. **Question** - I didn't see anything in the specifications regarding the grease trap size. Can you confirm what size grease trap should be used?

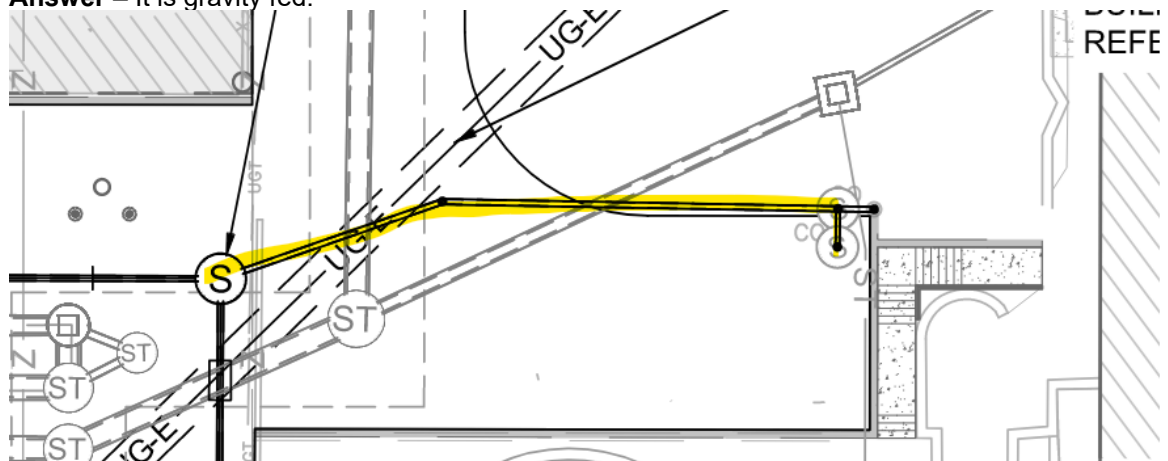
Answer – 250 Gallon

37. **Question** - Additionally, there is an irrigation line tying into the rainwater detention basin—can you confirm the size of this line?

Answer – This line will be installed by a future plumbing contractor. BC-01 shall prep the basin to allow for this to be installed by others.

38. **Question** -Lastly, regarding the sanitary lateral connecting to the existing health building, the plans are a bit difficult to read and I'm unclear on the intent. Is an additional pump required, or will this connection work by gravity?

Answer – It is gravity fed.



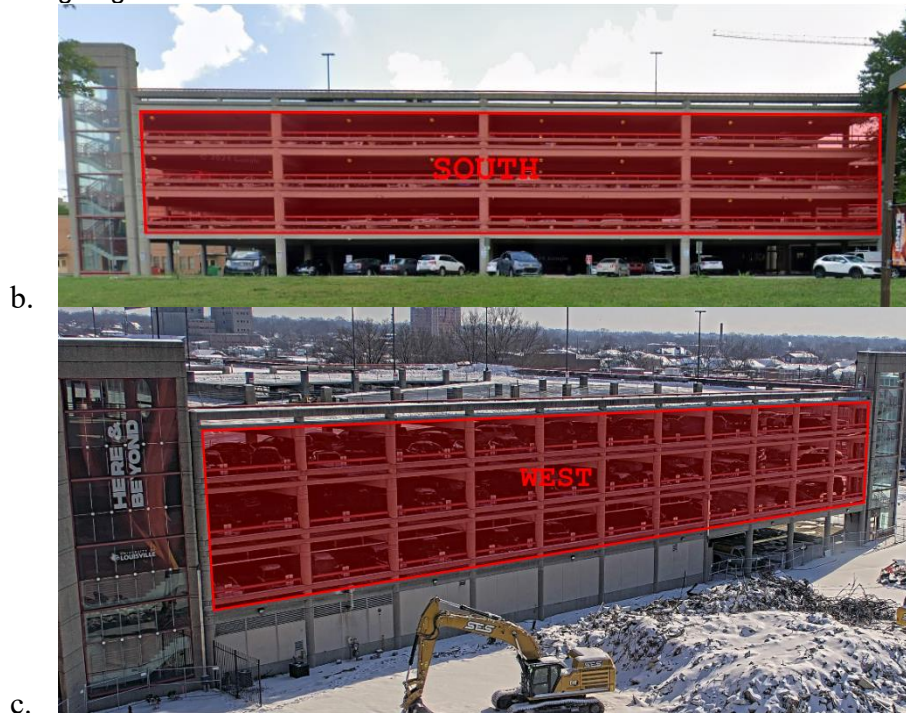
Specification Items:

1. Updated Table of Contents, including additions below.

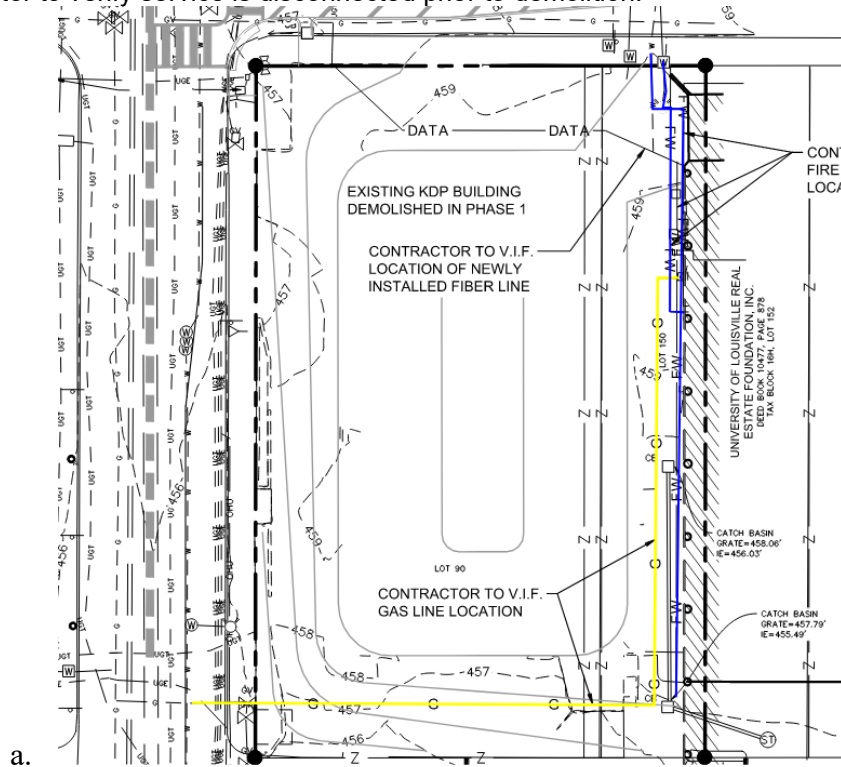
2. Summary of Specification Changes – relating to updates to Division 31, 32, and 33 Specifications
3. New specification 071416 – Cold Fluid-Applied Waterproofing was added, specifically for waterproofing for areas related to the elevator pits.
4. Comprehensive updates to Specification Sections 311000, 312200, 312316, 312316.13, 312319, 312323, 312500, 321120, 321216, 331416, 333113, and 334211 to provide additional detail and clarity.
5. Addition of GEOTECHNICAL SURVEY – REVISION 1, dated October 3, 2025

CM Scope Changes:

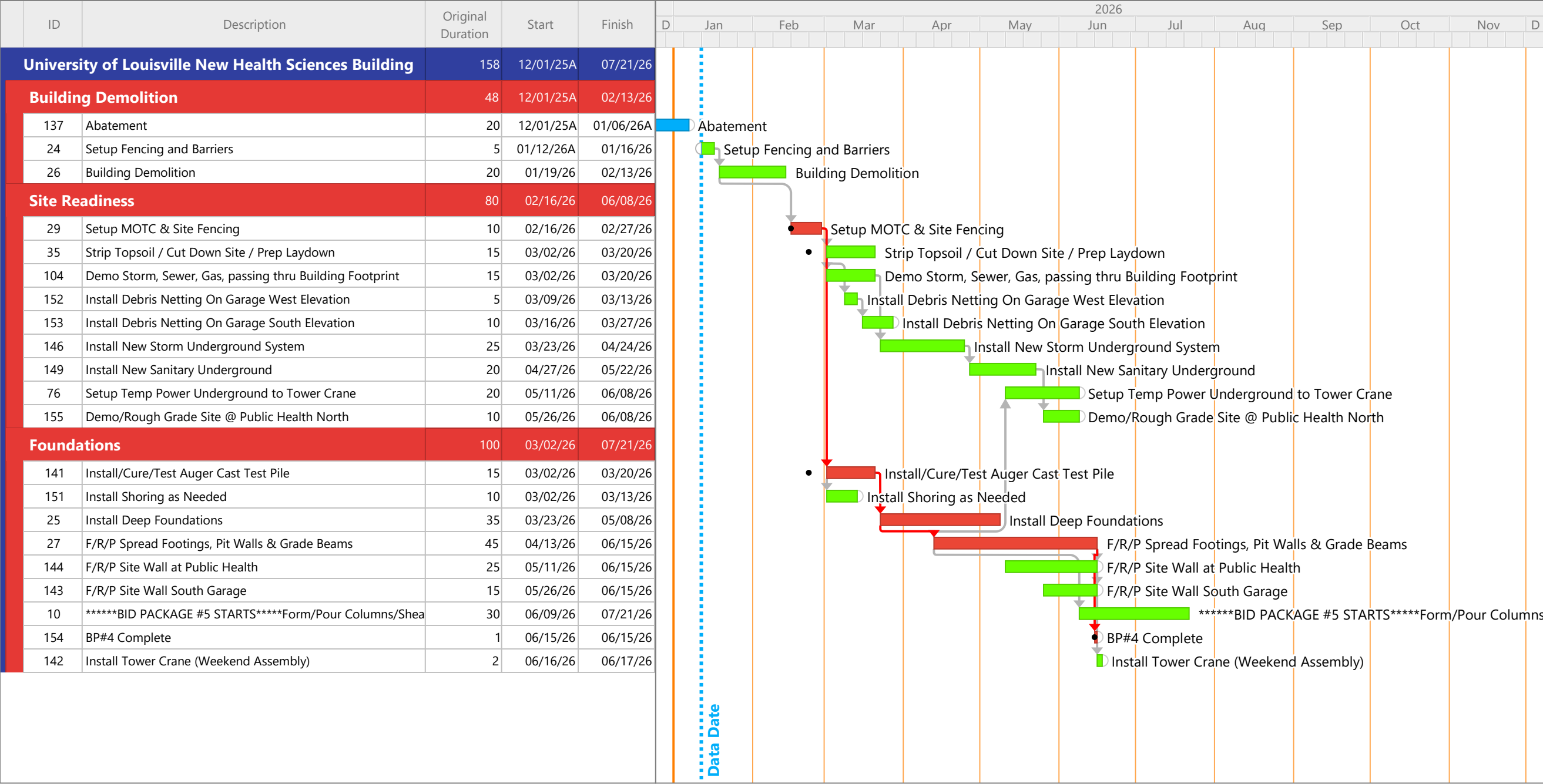
1. Please see the attached updated BP#4 Schdule.
2. Please see the attached MES rental rate sheet to be used for the project.
3. BP#4 Updated Logistics and MOT Plan
4. New bid forms were created for BC-01 and BC-02.
5. Added Specification 01 22 10 Owner Direct Purchase Order Process.
6. BC-01 Please note the LWC document dated 1/16/26. This document further details the LWC Restrictions / Requirements when working on or near LWC services.
7. BC-02 Install Debris Netting on the South and West upper levels of the chestnut garage.
Netting shall be similar to SEALTECH Heavy Duty Safety Debris Netting Rolls – Fire Retardant, 1/4" Mesh roll, for scaffolding enclosure, black in color.
 - a. Netting shall be installed in a way that allows it to stay in place for several years. Care shall be taken to ensure damage is not done to the existing garage.



8. BC-01 In addition to the other noted demolition items, add the demolition of the highlighted Gas and Fire Protection Piping below. Coordinate with prior bid package contractor to verify service is disconnected prior to demolition.



End of Addendum #02



	Messer Construction Company			
	Managed Equipment Services (MES) Program			
	Project: UofL Health Science MES			
	Rates represent single shift usage, 160 hours per month			
	The MES rates are subject to a maximum of a 2% increase each calendar year. Only equipment or tools going on rent after Jan 1st of the new year are subject to the increases. Any contracts in place, remain the same			
	Equipment Description	Day	Week	Month
Item	MEWP (Mobile Elevated Work Platforms)			
331, 9362	19' Electric Scissor Lift	124	254	390
10911	Micro 19' Electric Scissor Lift	124	254	390
6039	26' Electric Scissor Lift	143	325	643
6921, 4344	32' Electric Scissor Lift	202	423	786
4343	40' Electric Scissor Lift	241	519	1267
4566	12' Electric One Man Drivable	124	241	390
3048	20' Electric One Man Drivable	124	241	390
4240	25' R/T Scissor Lift - 4wd	208	455	916
4565	35' R/T Scissor Lift - 4wd	234	499	1020
7453	40' R/T Scissor Lift - 4wd	286	790	1397
4393	34' Articulated Electric Manlift w/ jib	371	845	1558
7804	45' Articulated Electric Manlift w/ jib	397	877	1708
6673	34' Articulated Manlift - 4wd	358	890	1786
6128	40' Straight Boom Manlift w/ jib - 4wd	293	682	1578
5723	45' Articulated Manlift - 4wd	293	682	1689
151	65' Straight Manlift w/ jib - Skypower - 4wd	410	1072	2455
6561	65' Articulated Manlift w/jib - 4wd	410	1072	2207
9191	60'/65' Electric Articulated Manlift	410	1072	2207
4567	85' Articulated Manlift w/jib - 4wd	649	1591	3636
152	85' Straight Manlift w/ jib - 4wd	649	1591	3636
4340	120' Straight/Articulated Boom Manlift - 4wd	1325	3215	7791
4337	135' Straight/Articulated Boom Manlift - 4wd	1429	4026	8311
4346	150' Straight/Articulated Boom Manlift - 4wd	1689	5845	13345
	Forklifts			
138	3000lb Warehouse Forklift	0	0	0
4676	5000lb Warehouse Forklift	254	669	1241
10235	5000lb Warehouse Forklift- Electric	254	669	1526
139	5000lb Compact Jobsite Forklift - 4wd	410	929	1929
4049	6000lb Jobsite Forklift-42' Reach - 4wd	488	988	2013
140	8000lb Jobsite Forklift-42' Reach - 4wd	494	1104	2207
141	10,000lb Jobsite Forklift- 54' Reach - 4wd	539	1397	3085
7011	12,000lb Jobsite Forklift- 55' Reach - 4wd	617	1656	4026

	Excavating Equipment			
413	1750LB Rubber Tired Skid Loader	254	780	1656
417	2000LB Rubber Tracked Skid Loader	293	1007	2468
3882	Dingo Walk Behind Track Loader	260	747	1494
4347	2000lb Mini Excavator	293	877	1773
6186	3500lb Mini Excavator	319	942	1773
3306	6000lb Mini Excavator	371	981	1975
4241	7500lb Mini Excavator	371	981	2077
2105	9000lb Mini Excavator	384	1007	2207
5242	18,500lb Mini Excavator	410	1325	3246
	Miscellaneous Equipment			
5264	Electric Welder for Boomlift W leads	39	65	195
3873	250 AMP Welder - Trailer Mounted	59	117	319
157	4000Watt Lightplant	111	259	519
38	185CFM Air Compressor	143	332	617
6095	Generator 25KW - Towable	338	585	1285
4003	Generator 56KW - Towable	481	910	2143
428	Skidsteer Fork Attachment	59	117	228
432	Box Broom for Skid Loader - 72"	117	280	734
4621	UTV 4- seater enclosed cab	176	358	845
	Ancillary Rates			
	Stakebody Truck	each way		98
	Rollback Truck	each way		98
	Tractor Trailer	each way		124
	Large Boom Permit Haul (120' & up booms)	each way		390

1

2

3

4

5

6

BP04 - SITE UTILITIES & FOUNDATIONS

[illegible]

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www.greshamsmith.com

KPFF
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www.kpff.com

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www.cmta.com

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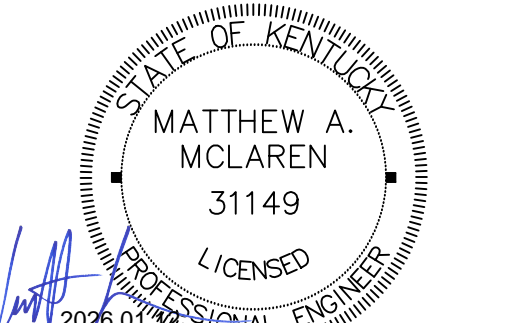
Introba
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All designs, arrangements and plans indicated or represented by this drawing are the property of Champlin|EOP and were created and developed for use on and in connection with the specified project.

None of this information shall be used by or disclosed to any person or entity for any reason whatsoever without the permission of ChamplinEOP.

Written dimensions shall have precedence over scale dimensions. Contractor shall verify and be responsible for all dimensions and conditions on the job. Notify ChamplinEOP immediately of any variation from the dimensions and conditions shown by these drawings.



08:29:26-05'00"
THIS PLAN HAS BEEN SIGNED,
SEALED, AND DATED DIGITALLY

Job Number	497-7673
Drawn By	EW
Checked By	MAM
Date	2026 01 12

C200

This line is 3 inches when printed full size



Water Barriers with Fence

35' Gate
1-20' Swing
1-15' Swing

Approx 150' of Water
Barriers with no
Fence North of
Chestnut

Water barriers w/6' Fence Along Preston & Chestnut

6' Temp
Fence
Panels

20' Gate

Man Gate

30' Gate
2-15' Swings

6' Fence Panels Bolted to Pavement

- LAYOUT AND PAVING NOTES:**

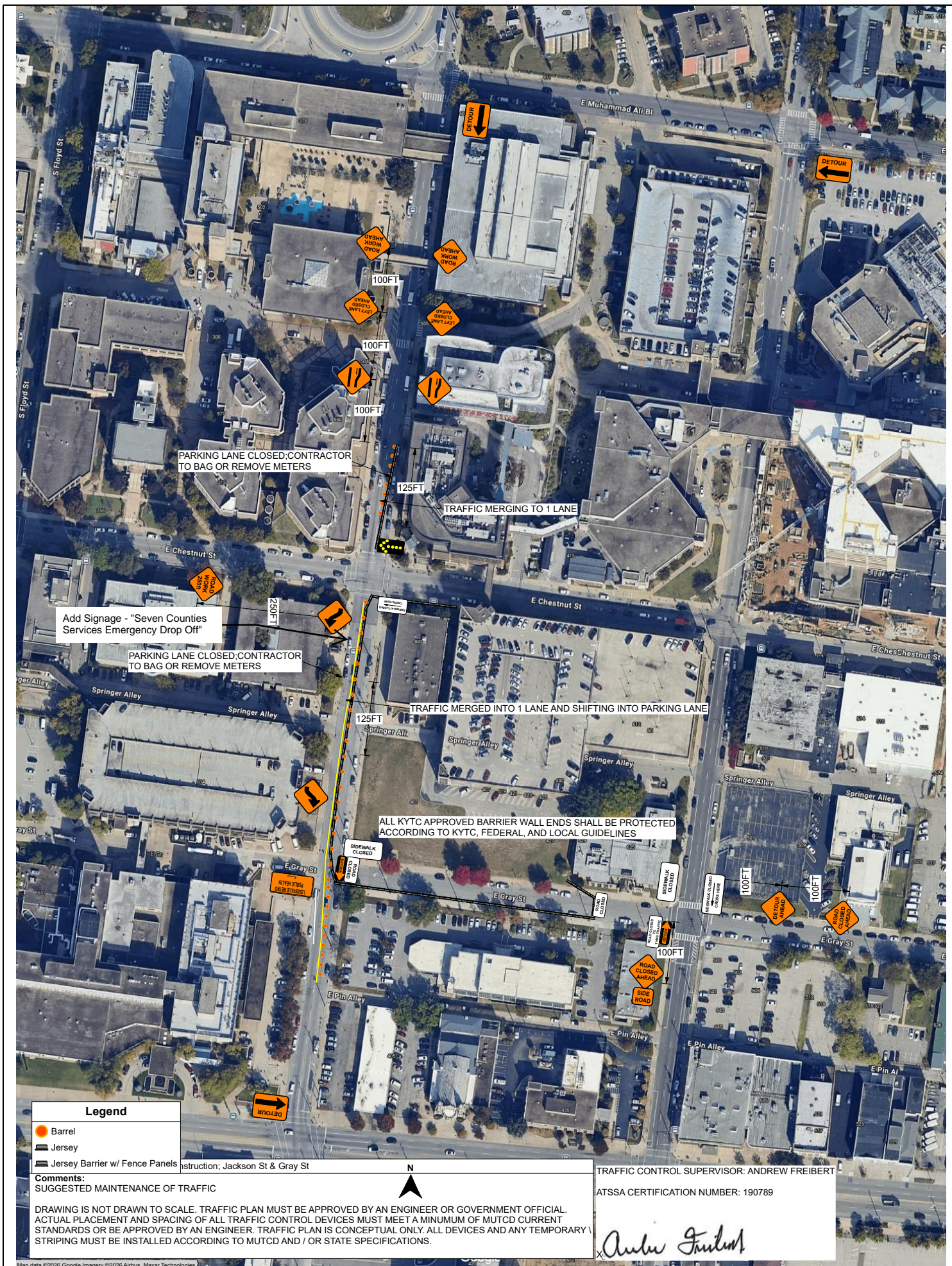
1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO BEGINNING WORK.
2. PROVIDE A SMOOTH AND FLUSH TRANSITION BETWEEN EXISTING TO REMAIN AND NEW PAVEMENT, SIDEWALKS, AND CURBS. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES PRIOR TO INSTALLATION OF PAVEMENT.
3. CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH CONSTRUCTED PERPENDICULAR TO THE TRAVEL PATH. ALL CONCRETE SHALL BE 4,000 P.S.I. UNLESS OTHERWISE NOTED. CURB RAMPS, SIDEWALK SLOPES, AND DRIVEWAY RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT LOCAL REQUIREMENTS, IF APPLICABLE. THE CONTRACTOR SHALL REQUEST INSPECTION OF SIDEWALK AND RAMP FORMS FROM THE AUTHORITY HAVING JURISDICTION PRIOR TO PLACEMENT OF CONCRETE.
4. DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF CONCRETE, OR TO THE FACE OF BUILDING, UNLESS OTHERWISE NOTED.
5. PARKING STRIPES SHALL BE 4-INCH WHITE PAVEMENT PAINT, UNLESS OTHERWISE NOTED. LANE STRIPES SHALL BE 4 INCH PAVEMENT PAINT, COLOR AS INDICATED ON PLAN. STOP BARS AND CROSSWALK MARKINGS SHALL BE 24-INCH WHITE PAVEMENT PAINT.
6. CONCRETE CONTRACTION JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF AT LEAST 1/4 THE CONCRETE THICKNESS AND SHALL DIVIDE CONCRETE ROUGHLY INTO SQUARES WITH MAXIMUM 10-FOOT DIMENSIONS. CONCRETE EXPANSION JOINTS SHALL BE INSTALLED AT MAXIMUM 60-FOOT SPACING AND AT ALL ABUTTING RIGID OBJECTS.



30' 0 30' 60'

GRAPHIC SCALE

MSD WM# 12957, SDP-25-1318





SECTION 00 41 00 - BID FORMS

- **Form #1 – Bid Form**
- **Form #2 – Insurance Cost Worksheet**

All bids must be received at the following date, time and location:

Messer Construction Company

Date: 2/11/26

9710 Bunsen Parkway

Bids Received: 12:00 PM EST

Louisville, KY 40299

Attn: Jason Larkin

E-mail: jlarkin@messer.com

Form #1 – Bid Form

BID CATEGORY: Site Utilities – BP#4

In strict accordance with the Project Manual and the Drawings dated 09/09/2025 inclusive. Each Bidder, in submitting this proposal, agrees that the Bid will not be withdrawn for a period of 60 consecutive calendar days following the date of Bid Opening; further, that if a Notice to Proceed or if a prepared Agreement provided by the Contractor is received at the business address identified below, within the above named 60 day period, the undersigned will, within ten days of such receipt, acknowledge acceptance of the contract award and will execute and deliver the Agreement; and will proceed in accordance with requirements of the Contract Documents for this project and have the Project at substantial completion on or before dates described in the Preliminary Schedules, Section 00 31 13.

NAME OF BIDDER _____

Address _____

Telephone (____) _____ **Fax** (____) _____ **E-mail** _____

By (name) _____ **Signature** _____

Title _____ **Date** _____

State Whether a ☐ Corporation, ☐ Partnership, or ☐ Sole Proprietorship

Federal ID Number _____ **EMR** _____

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

(IF NONE HAS BEEN ISSUED AND RECEIVED, INSERT THE WORD, NONE.)



This bidder agrees to the provisions as set forth in the Bidding Documents, including Division 0 Procurement and Contracting Requirements and Division 1 General Requirements. The successful bidder will be required to enter into an agreement with Messer Construction Co. utilizing the standard Messer Subcontract Agreement without modification.

The bidder agrees to furnish all labor, materials, equipment, and supervision as required for the proper execution of the work as described in the **Bid Category Descriptions Section 00 24 13** for the Lump Sum amount of:

BASE BID: _____ **DOLLARS \$** _____

Total for Insurance: Complete the Insurance Cost Work Sheet DOLLARS \$ 0 (CCIP)

BOND: Add alternate for 100% Payment & Performance Bond

Add: _____ **DOLLARS \$** _____

FOR PURCHASES \$10,000 & GREATER (not including sales tax)

1) TOTAL PERMANENT MATERIAL AMOUNT FOR PURCHASES \$10,000 & GREATER (not including sales tax)	\$
--	-----------

2) SALES TAX AMOUNT ON ABOVE MATERIALS	\$
---	-----------

LABOR RATES: List labor rates including burden, overhead, profit, safety, cleanup and incidental tools per hour.

Foreman: _____ \$ _____

Laborer: _____ \$ _____

Operator: _____ \$ _____

BID BREAKDOWN:

Material	\$
Labor	\$
Equipment	\$
TOTAL BASE BID AMOUNT	\$

UNIT PRICES

Unit prices shall include the furnishing of all labor, materials, equipment, services and supervision and include all items of cost, overhead and profit for the Contractor and any Subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established in accordance with changes or extra work performed under the Contract.

	WORK	PRICE	UNIT
1.			
2.			
3.			

LIST OF PROPOSED SUBCONTRACTORS

SUBCONTRACTOR LISTING

Bidder shall list all proposed subcontractors & Suppliers which will be utilized on this project. All subcontractors & Suppliers are subject to the approval of the CM-GC, Architect and Owner. Failure to submit this list may be cause for rejection of the Bidder's proposal.

BRANCH OF WORK

SUBCONTRACTOR/SIPLIER NAME

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Insurance cost worksheet -Form #2 - Insurance Cost Worksheet

University of Louisville New Science, Simulation, & Academic Innovation Facility

FEIN: Company name: Address: City, State, Zip: CCIP contact name: CCIP contact phone number: CCIP contact email: Claim contact name: Claim contact email: Will your company utilize temporary labor services?	Subbing for: Estimated start date: Estimated completion date: Estimated contract value: \$ Subcontracted value: \$ Description of work: Bid pkg #, contract #, PO #
--	---

Workers Compensation			WC deductible/retention amount: \$			
State	Class code	Description	Estimated Hours	Estimated Payroll	Rate (per 100 of payroll)	WC Standard Premium
				\$	\$	\$
				\$	\$	\$
				\$	\$	\$
				\$	\$	\$
Workers compensation premium				\$		\$

General Liability		GL deductible/retention amount: \$		
Class Code	Estimated Exposure (CV or Payroll)	Basis (per 100 or 1,000)	Rate	GL Premium
	\$		\$	\$
	\$		\$	\$
General liability total premium				\$

Excess / Umbrella				
If your Excess/Umbrella is flat rated, the rate should be calculated as follows: Excess premium/GL exposure				
	Estimated Exposure (CV or Payroll)	Basis (per 100 or 1,000)	Rate	XS/Umb Premium
	\$		\$	\$
Excess/Umbrella total premium:				\$
Total premium (WC + GL + Excess/Umbrella premiums)				\$
Profit and overhead factor			15%	\$
Estimated contractor/subcontractor insurance costs				\$
Total estimated insurance costs				\$

Blended payroll rate:
 Insurance costs to contract value:
 Payroll to contract value:

I hereby warrant that this worksheet accurately reflects the projected work to be completed at the project site. Copies of my insurance declaration and rate pages are attached to confirm insurance costs. I understand that Lockton Companies has the authority to determine the proper insurance calculation based on my policy rates.

Signature: _____ Date: _____



SECTION 00 41 00 - BID FORMS

- **Form #1 – Bid Form**
- **Form #2 – Insurance Cost Worksheet**

All bids must be received at the following date, time and location:

Messer Construction Company

Date: 2/11/26

9710 Bunsen Parkway

Bids Received: 12:00 PM EST

Louisville, KY 40299

Attn: Jason Larkin

E-mail: jamie.peck@louisville.edu

Form #1 – Bid Form

BID CATEGORY: Foundations – BP#4

In strict accordance with the Project Manual and the Drawings dated 09/09/2025 inclusive. Each Bidder, in submitting this proposal, agrees that the Bid will not be withdrawn for a period of 60 consecutive calendar days following the date of Bid Opening; further, that if a Notice to Proceed or if a prepared Agreement provided by the Contractor is received at the business address identified below, within the above named 60 day period, the undersigned will, within ten days of such receipt, acknowledge acceptance of the contract award and will execute and deliver the Agreement; and will proceed in accordance with requirements of the Contract Documents for this project and have the Project at substantial completion on or before dates described in the Preliminary Schedules, Section 00 31 13.

NAME OF BIDDER _____

Address _____

Telephone (____) _____ **Fax** (____) _____ **E-mail** _____

By (name) _____ **Signature** _____

Title _____ **Date** _____

State Whether a ☐ Corporation, ☐ Partnership, or ☐ Sole Proprietorship

Federal ID Number _____ **EMR** _____

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

(IF NONE HAS BEEN ISSUED AND RECEIVED, INSERT THE WORD, NONE.)



This bidder agrees to the provisions as set forth in the Bidding Documents, including Division 0 Procurement and Contracting Requirements and Division 1 General Requirements. The successful bidder will be required to enter into an agreement with Messer Construction Co. utilizing the standard Messer Subcontract Agreement without modification.

The bidder agrees to furnish all labor, materials, equipment, and supervision as required for the proper execution of the work as described in the **Bid Category Descriptions Section 00 24 13** for the Lump Sum amount of:

BASE BID: _____ **DOLLARS \$** _____

Total for Insurance: Complete the Insurance Cost Work Sheet DOLLARS \$ 0 (CCIP)

BOND: Add alternate for 100% Payment & Performance Bond

Add: _____ **DOLLARS \$** _____

FOR PURCHASES \$10,000 & GREATER (not including sales tax)

1) TOTAL PERMANENT MATERIAL AMOUNT FOR PURCHASES \$10,000 & GREATER (not including sales tax)	\$ _____
--	-----------------

2) SALES TAX AMOUNT ON ABOVE MATERIALS	\$ _____
---	-----------------

LABOR RATES: List labor rates including burden, overhead, profit, safety, cleanup and incidental tools per hour.

Carpenter: _____ \$ _____

Laborer: _____ \$ _____

Carpenter Foreman: _____ \$ _____

Laborer Foreman: _____ \$ _____

Operator: _____ \$ _____

BID BREAKDOWN:

Material	\$ _____
Labor	\$ _____
Equipment	\$ _____
TOTAL BASE BID AMOUNT	\$ _____

UNIT PRICES

Unit prices shall include the furnishing of all labor, materials, equipment, services and supervision and include all items of cost, overhead and profit for the Contractor and any Subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established in accordance with changes or extra work performed under the Contract.

	WORK	PRICE	UNIT
1.	Add/Deduct A-A Auger Cast Pile 55' Depth Complete _____		LS
2.	Add/Deduct B-B Auger Cast Pile 55' Depth Complete _____		LS
3.	Add/Deduct B-B Auger Cast Pile 65' Depth Complete _____		LS
4.	Add/Deduct B-B Auger Cast Pile 76' Depth Complete _____		LS
5.	Add/Deduct 18" A-A Auger Cast Pile (With Center Bar) _____		PF
6.	Add/Deduct 18" B-B Auger Cast Pile (With Center Bar) _____		PF

LIST OF PROPOSED SUBCONTRACTORS

SUBCONTRACTOR LISTING

Bidder shall list all proposed subcontractors & Suppliers which will be utilized on this project. All subcontractors & Suppliers are subject to the approval of the CM-GC, Architect and Owner. Failure to submit this list may be cause for rejection of the Bidder's proposal.

BRANCH OF WORK

SUBCONTRACTOR/SIPLIER NAME

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Insurance cost worksheet -Form #2 - Insurance Cost Worksheet

University of Louisville New Science, Simulation, & Academic Innovation Facility

<p>FEIN: _____</p> <p>Company name: _____</p> <p>Address: _____</p> <p>City, State, Zip: _____</p> <p>CCIP contact name: _____</p> <p>CCIP contact phone number: _____</p> <p>CCIP contact email: _____</p> <p>Claim contact name: _____</p> <p>Claim contact email: _____</p> <p>Will your company utilize temporary labor services? _____</p>	<p>Subbing for: _____</p> <p>Estimated start date: _____</p> <p>Estimated completion date: _____</p> <p>Estimated contract value: \$ _____</p> <p>Subcontracted value: \$ _____</p> <p>Description of work: _____</p> <p>_____</p> <p>_____</p> <p>Bid pkg #, contract #, PO # _____</p>
---	--

Workers Compensation				WC deductible/retention amount: \$		
State	Class code	Description	Estimated Hours	Estimated Payroll	Rate (per 100 of payroll)	WC Standard Premium
				\$	\$	\$
				\$	\$	\$
				\$	\$	\$
				\$	\$	\$
Workers compensation premium				\$		\$

General Liability		GL deductible/retention amount: \$		
Class Code	Estimated Exposure (CV or Payroll)	Basis (per 100 or 1,000)	Rate	GL Premium
	\$		\$	\$
	\$		\$	\$
General liability total premium				\$

Excess / Umbrella				
If your Excess/Umbrella is flat rated, the rate should be calculated as follows: Excess premium/GL exposure				
	Estimated Exposure (CV or Payroll)	Basis (per 100 or 1,000)	Rate	XS/Umb Premium
	\$		\$	\$
Excess/Umbrella total premium:				\$
Total premium (WC + GL + Excess/Umbrella premiums)				\$
Profit and overhead factor			15%	\$
Estimated contractor/subcontractor insurance costs				\$
Total estimated insurance costs				\$

Blended payroll rate:

Insurance costs to contract value:

Payroll to contract value:

I hereby warrant that this worksheet accurately reflects the projected work to be completed at the project site. Copies of my insurance declaration and rate pages are attached to confirm insurance costs. I understand that Lockton Companies has the authority to determine the proper insurance calculation based on my policy rates.

Signature: _____ Date: _____

General OSM Information For Bidders

SECTION 01 22 10 - OWNER SUPPLIED MATERIAL PROGRAM

1.1 NOTICE TO BIDDERS

- A. This section includes information that the Sub Contractors need to be aware of so that the University of Louisville can purchase material items directly to save Kentucky Sales and/or Usage Tax.

1.2 BIDDER INFORMATION

- A. Because the Owner is a tax-exempt entity under federal and state tax laws, and wishes to utilize its tax-exempt status to help control the costs associated with this Project, the Owner will purchase many of the materials, equipment, and supplies that will be used in the construction of the Project ("Materials") on a tax-free basis. States UofL is tax exempt from can be found on our website along with certificates/letters. <https://louisville.edu/finance/controller/statetaxforms> The Owner shall issue a purchase order for such Materials, and direct that the Materials be delivered to the Project site.
- B. OSM PO's must be requested for all materials, fixtures, equipment, etc. that is over \$10,000 from one vendor. These are to be included in each Sub Contractor's bid including sales tax. But, shall be broken out on the bid form by vendor, amount without tax, and tax savings amount.
- C. All other material purchase items are to be included in Sub Contractor's bid and shall include the Kentucky Sales and/or Usage Tax. It will be a requirement of each Sub Contractor to have made arrangements prior to the BID DATE with each respective material supplier and take whatever measures necessary to assure the Owner that the material supplier will sell material purchase items directly to the Owner.
- D. Each Sub Contractor will be required to bid the project complete, with all labor, materials and equipment included in the Sub Contractor's bid.
- E. A material supplier is a person or organization who has a direct purchase order responsibility to the Owner. Purchase order amount as BID will include all cost of delivery to the job site.
- F. Material supplier shall:
 - 1. Assume all responsibility for material until delivery is accepted. Material supplier will guarantee all material furnished under an Owner purchase order to be in accordance with the requirements of the Contract Documents.
 - 2. Sign off on on the Owner Supplied Materials Request forms via Docusign from the CMGC.
 - 3. Coordinate with sub contractors for submittals (or other contract document requirements) and deliveries.
 - 4. Send invoices direct to the CMGC
 - i. DO NOT send directly to UofL as invoices must verified by the Sub-contractor PM, CMGC and UofL PM.
 - 5. Invoices and quotes shall use the following address as the Ship To:

University of Louisville
c/o (Sub-Contractor Name)
(615 S. Preston Street)
(Louisville, KY, 40202)

6.

Invoices and quotes shall use the following address as the Bill To:

University of Louisville
c/o (Messer Construction Co)
(9710 Bunsen Parkway)
(Louisville, KY, 40299)

7. Invoices should have the invoice date, invoice number and the UofL Purchase Order Number clearly displayed.

G. The Sub Contractor shall:

1. Install the Work in accordance with the intent and purpose of the contract documents and/or the manufacturer's specifications.
2. Upon delivery, the designated Sub Contractor is to promptly verify product suitability, quantity, quality, and condition as soon as it can be ascertained and shall accept care, custody, and control responsibility as if it were his own purchase. As well as give prompt notice to the Owner of any shortages therein or damage or breakage thereto and assume entire responsibility for such shortage or damage or breakage if such notice is not promptly given.
3. Assume entire responsibility for the safety of all such materials and equipment against loss by theft or breakage or damage after same has been delivered at the site. Any damage or loss after acceptance will be the responsibility of the designated Sub Contractor.
4. Make good at his own expense any such loss or breakage or damage occurring before the Work is accepted by the Owner.
5. Sub contractors are responsible for the scheduling of material deliveries and coordination with their supplier.
6. The Sub Contractor shall notify the Owner or his local representative in cases of non-delivery or delay of any part of the materials or equipment listed below as furnished by the Owner, at least two weeks before he expects to install.
7. The designated Sub Contractor is responsible for installation of purchase order material or equipment and will be required to supervise and accept delivery, unload, handle, store, layout, and install all items.
8. Bidders shall be aware that the Kentucky Department of Revenue will not allow the supplier of materials to be the same entity as the installer of same materials.
9. Request quotes from material suppliers
10. Sub Contractors PM will sign off on the Owner Supplied Materials Request forms via DocuSign from the CMGC.
11. Trade contractors PM will sign off on invoice's via DocuSign from the CMGC.

- H. Sub Contractor is still obligated to ensure that all materials are as specified and described on the drawings, to submit all shop drawings, submittals, other contract document requirements, to provide materials in a timely manner as required by the project schedule, to approve all material invoices for payment by the Owner, and to perform all other contractual obligations relating to these materials.
- I. If a Sub Contractor fails to follow this procedure, then said Sub Contractor will be required to purchase the material themselves and pay all applicable taxes with no additional reimbursement for taxes.
- J. Copies of OSM PO's will be sent to the sub contractors so they are aware of the PO # for when scheduling deliveries, submittals, finalizing orders, etc.
- K. The UofL PM and Capital Finance Representative will supply tax exemption certificates, process OSM requests, and updates OPO log with submission and payment status.
- L. Credits: Credit invoices on an Owner Supplied Materials PO can be accepted but the amount does not go back on the PO itself. It is returned to the project funds.
- M. If you need to issue a PO to a vendor that is not already on the UofL Vendor list please contact the UofL PM or Capital Finance Representative to be sent supplier registration for UofL's Workday system. (You could be a vendor for another organization using workday but would still need to complete this process specifically for UofL. Workday full supplier registration can take 1-2 weeks to set up.

1.3 OWNER PURCHASE ORDER PROCEDURES

- A. Each Sub Contractor shall prepare an attachment to the purchase order for the applicable item (s) for this Project for material purchase orders over \$10000. A purchase order template is attached for reference. The purchase order will contain all of the pertinent terms and conditions and be written for the appropriate amount, excluding sales tax. The purchase order number for each Sub Contractor's purchase order (s) will be prefixed with a code to be furnished by the Construction Manager upon award.
- B. All Sub Contractors are to include in their Bid the purchase amount for these items, as well as the applicable tax. The initial Sub Contractor contract amount will be the base bid, less sales tax on owner purchased materials. A separate deductive change order will be issued after the contract award for the deduction of the owner purchased materials as indicated on the bid form. All items listed on the bid form will be required to be direct owner purchases.
- C. All successful Sub Contractors will be required to provide a "rough draft" copy of the purchase order in a format that is exactly how the purchase is to be written.
- D. The Owner will then issue the purchase order exactly as the "rough draft" appears and send the

purchase order on to the respective material supplier. The Sub Contractor will track each purchase order and approve all invoices associated with each purchase order. Invoices will first be approved by the Sub Contractor, then passed on the Construction Managers.

The Construction Manager will forward to the owner for payment. If there are multiple invoices per month to be charged against a single purchase order, the Supplier and/or Sub Contractor is to provide 1 total invoice summary per purchase order for payment for that month. Multiple invoices per month will not be paid individually. If a Trade Package Contractor fails to follow this procedure, then said Trade Package Contractor will be required to purchase the material themselves and pay all applicable taxes with no additional reimbursement for taxes.

- E. The successful Sub Contractor will be required to furnish a line item breakdown on the Application and Certificate for Payment to track this material.
- F. A final change to reconcile these material costs will be issued at the end of the project (Bases in the original contract. The process to track any sales tax associated with change orders is to be as directed by the Construction Manager). If the total final material purchased by direct purchase orders is more than the amount reported by the Sub Contractor, the Sub Contractor will be responsible to pay the difference including sales tax directly to the material supplier, or a deductive change order for the difference will be issued. If the total material purchased by direct purchase orders is less than the amount reported by the Trade Package Contractor, an add change order for the difference will be issued.
- G. This process in no way relieves the Trade Package Contractor of its obligation to ensure that all materials are as specified and described on the drawings, to submit all shop drawings, to provide materials in a timely manner as required by the project schedule, to approve all material invoices for payment by the Owner, and to perform all other contractual obligations relating to these materials.