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July 24, 2017

**NOTICE OF ADDENDUM
ADDENDUM NO. 1**

**CONTRACT NO. 7952
JUDGE DOYLE GARAGE**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

<http://www.bidexpress.com>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

Robert F. Phillips, P.E., City Engineer

Cc: Mike Dailey

ADDENDUM NO. 1
City of Madison, Engineering Department

CONTRACT NO. 7952
JUDGE DOYLE GARAGE

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents of the subject contract and is hereby made a part of the contract documents.

A. GENERAL CONTRACT CONDITIONS –

- A. All permits must be obtained by the contractor and all City of Madison permit fees will be paid by the City.

B. GENERAL QUESTIONS AND ANSWERS –

Q1. Per the cities general conditions, item 107.4, the contractor is required to provide builders risk insurance for the project. On the Madison Municipal Building project the builders risk was carried by the city. Please confirm if the builders risk will be carried by the city similar to the MMB project or if the contract will be required to carry it.

A1. Per 107.4(i) whereas this is a new building, the builder's risk insurance is to be carried by the GC.

Q2. The following items/activities are shown to be part of the project but there appear to be no specifications provided. Please provide or direct bidder to where they can find them.

- a. Earth Retention System (ERS)
- b. Dewatering
- c. Site utilities (sanitary, water, storm, etc.)
- d. Excavation and Backfill
- e. Concrete Sidewalks and Asphalt Paving

A2. a. Earth Retention System (ERS) is the contractor's responsibility.

b. Dewatering is the contractor's responsibility.

c. Site utilities - as per the City of Madison specs

d. Excavation and Backfill located in Spec Section 312000.

e. Concrete sidewalks and asphalt paving - as per the City of Madison Standard Specifications for Public Works Construction.

Q3. Specification 04 22 00 – concrete unit masonry, item 2.3 calls for burnished CMU tells bidders to see the plans for what color burnished block to provide. The plans do not indicate what color to provide. Please provide.

A3. County Materials Corporation, Premier Ultra 63 - 218C, Sea Salt or approved equal

Material Schedule will be updated in Addendum 2

Q4. Specification 04 22 00 – concrete unit masonry, item 2.2.D calls for integral water repellent in CMU where indicated. The plans do not indicate where we are to supply the water repellent in the CMU. Please clarify.

A4. Supply the water repellent in above-grade exterior CMU walls.

Q5. The following questions are in regards to where burnish block is to be supplied.

a. Room U401 as shown on K3/A200.0 calls for burnished block. When referencing the room finish schedule the walls are called to be painted. This is typical for all rooms that have burnished block. Please modify the room finish schedule to denote rooms/walls that are to receive burnished block.

b. Vestibule rooms U301 and 101 on the South side of the building do not have burnished block called out in them while the other floors at this location do. Please clarify if they are to have burnished block as well.

c. Similar to the question above, vestibules U105 and U205 on the North side of the ramp have burnished block called out while all other floors at this location do not. Please confirm what floors are to receive burnished block at the North vestibule location.

d. Rooms U104 (Dry valve) and U106 (Elec) are called to have burnished block per D8/A-201.0.

With these two rooms being mechanical rooms please confirm that they are not required to have burnished block.

A5. Drawings will be coordinated and clarification will be provided in Addendum 2.

Q6. Vestibule U203 is called out to receive paint per the room finish schedule on sheet A501.0. The elevations of this room as shown on sheet A202.0 (J8 thru J12) call for the CMU to be stained. Please confirm what finish the walls are supposed to have. This question applied to all levels of the center vestibule.

A6. East & West Vestibule walls will be burnished block (Refer to 003) and receive a feature paint color for floor identification. Enlarged Core Plans & Elevations will be updated in Addendum 2. All concrete walls & soffits will be stained, except for feature walls (See Finish Plans on Sheets 501.0-501.6) CMU walls at the center cores will be painted, as per room finish schedule, to match concrete stain.

Q7. Sheet S401.0 has interior vehicle barrier wall reinforcing scheduled. Reviewing the plans, we cannot determine what walls are considered to be vehicle barrier walls. Please clarify what masonry walls are to be barrier walls.

A7. CMU vehicle barrier wall only occurs adjacent to motorcycle parking. Structural drawings include a design for the CMU wall below the windows at the elevator lobbies to be crash resistant, but may not be necessary in this location.

Q8. Per the masonry reinforcing schedule on S401.0 it gives an exterior wall at parking reinforcing but does not give an interior wall at parking. What wall reinforcing should we be using at the interior parking area walls.

A8. Interior parking area walls are per Partition Sheet A-501.0 and per "interior walls" on Sheet A-401.0. Walls are considered interior if no vehicle impact is required.

Q9. Detail 16 and 17/S202.0 give details for concrete curbs. The only reference we can find to concrete curbs is 3/A500.0. A type 3 masonry walls is just a part height wall vs wall type 1

which is a full height wall and they are often used in conjunction with each other (in the vestibules for example). Based on this it is not clear where we are to provide curbs. Please clarify

A9. Type 1 and 3 walls will be updated for clarity in Addendum 2.

Curbs should be provided beneath all CMU walls typical, 4" above local high point of slab, at a consistent elevation.

Q10. 3/A500.0 calls for a 4" high curb. In most places the slabs are sloping at the masonry wall locations. With the decks sloping and a constant height curb all the masonry will need to be cut at the first course. Please confirm if this is correct or should the top of the curbs be set at a constant elevation, allowing for a standardized coursing height for the masonry at the first course.

A10. See response to Q9.

Q11. Detail 1/A500.0 tells bidders to see notes 1, 12, 13 and 14. These notes do not appear to be provided. Please provide.

A11. Omit reference to notes 1, 12, 13 and 14.

Q12. Sheet A101.0 shows a masonry shaft next to the North elevator bank on level 1. This area is open to the floor below when referencing the floor below (A100.5) no masonry shaft is shown. Please confirm that the shaft shown on A101.0 is to extend down to the U0 slab.

A12. Masonry shaft starts at Level 2. Drawings will be updated to show this in Addendum 2

Q13. Sheet A100.5 at vestibule U005 the walls are called out to go full height. This would mean that the walls would need to go to the underside of level 2 since level 1 is open. When referencing the level 1 plan A101.0 these wall are not drawn in (same for the blow up detail). Please confirm that the walls are to go full height and if not please clarify how tall they are to be. Same would apply to Dry Valve room U004 near grid lines

A13. Correct, walls are full height

Q14. Sheet A101.0 shows a masonry shaft Near the north elevator bank. This area is open to below but the shaft not shown on the floor below. Please confirm if these walls are to extend down to the floor below or if they are "suspended "in the air. If they do not extend all the way to the slab below please clarify how we are to support the walls. If they do extend all the way down please clarify how we are to modify the vestibule for exiting since one of the doors would lead into this shaft

A14. See Q12

Q15. Similar to question 13, the walls of dry valve room U102 (sheet A100.4) are called out to go full height which would be to the underside of level 1 but they are not drawn in on sheet A100.5 (level U0) please confirm that they are to go full go full height and if not please clarify what elevation they are to go to.

A15. Correct, walls are full height

Q16. Sheet A104.0 shows masonry walls around a shaft on the North side of the building. There are no cut sections or indications on how tall to make these masonry walls. Please clarify

A16. Terminate masonry walls at the slab over hoist way. Walls above are Not In Contract.

Q17. Please confirm no drop plates are needed at columns along column lines 4 and 9 on Sheet S-100.3.

A17. Correct, no drop panels on grids 4 and 9.

Q18. Sheet S-100.5 shows the area wells but no footing parameters are provided. Please confirm that the continuous spread footing that is scaled 1'-6" x 1'-6" is correct per 8/S-204.0.

A18. Correct. Reinforcement will be added in Addendum 2.

Q19. Sheet A-210.0 has notes called out for a temporary roof on details K5 and K11 (sim for details on A-220.0). Based on these notes it is unclear as to the extent of the area that needs to have a temporary roof. Do we just supply temporary roofs at the stair shafts and elevator shafts or does it extend across the entire floor slab. Please clarify and provide a floor plan for the area(s) that need temporary roofing.

A19. Omit slab and temporary roof.

Q20. No specification is provided for the temporary roofing. Please provide.

A20. Omit temporary roof.

Q21. Detail 3/S-204.0 says to verify that the annex on the MMB building is supported on deep foundations. Based on our knowledge of the MMB project the annex does not have deep foundations as indicated on the detail. Please confirm how we are to modify this area to accommodate the shallow spread footings of the MMB annex addition.

A21. MMB is on shallow foundations. Will clarify in Addendum 2.

Q22. Detail K4/A-314.0 shows a masonry wall extending up from the perimeter wall (gridline A between approximate elevations of 913' and 924') is also shown on A-102.0 between gridlines 6 and 8. The slab above is not in contract, as noted on sheet S-103.0. Also the veneer at this location stops at the top of the concrete wall and doesn't extend up per A-303.0. Please confirm that we are not to include this wall.

A22. Wall above ramp slab in Not In Contract. Drawings will be updated in Addendum 2.

Q23. Sheet A-103.0 (level 3) shows masonry backup walls along gridline 12, gridline A, and gridline 1. Based on the cut sections on sheets A310.0 thru A315.0 masonry walls appear to terminate at the bottom side of 3rd floor (elevation 920'0"). Please confirm that the backup walls shown on sheet A-103.0 are not part of the contract with the one exception along gridline A between 11 and 12 which is necessary to provide the veneer as shown on A-303.0.

A23. Correct, backup walls terminate at the bottom side of 3rd floor.

Q24. Detail D12/A-202.0 says to take the aluminum framed openings to bottom of ceiling. No ceiling is detailed for this room. Please clarify what type of ceiling to provide and at what elevation.

A24. At vestibules with no ceiling, windows typically extend to the bottom of slab above. Vestibule U005 requires a ceiling. Windows in this location to extend to top of ceiling. Elevations and window head dimensions will be added to drawings in Addendum 2.

Q25. Details K6 and K10 on A-202.1 show reflected ceilings but do not indicated what elevation they are at. Please clarify.

A25. Ceiling elevations will be added to reflected ceiling plans in Addendum 2.

Q26. At detail 8 on drawing A-500.0 a note states "12" x 18" TREATED WOOD BLOCKING FOR SIGNAGE POSTING– BY OWNER". JP Cullen understands that note to mean the wood blocking is by Owner. Please confirm this is the intent.

A26. Wood blocking not provided by Owner. Provide 1x preservative treated lumber.

Q27. Sheet S-101.0, row E and E.6 and Column lines 6 and 7, call for a drop panel of 10x8. On column line 6 states a 6" drop panel typical. Please confirm both of these drop panels are to be 8".

A27. Correct, 8". Will clarify in Addendum 2.

Q28. Sheet S-101.0 at the intersection of column lines E.6 and 8 it states there is a 24x48 column below. Per the column schedule and this column is called out to be 18x38. Please confirm the size of the column that is to be provided at this location.

A28. 18x38 per column schedule. Will clarify in Addendum 2.

Q29. Sheet S-101.0, near the intersection of B and 5, please provide a cut section or indicate what is occurring between the column and Elevator shaft wall.

A29. Concrete wall on grid 5 below extends to underside of level 1 slab. Slab step occurs where slab ramps downward north of grid 5. Will clarify in Addendum 2.

Q30. Sheet S-104.0, there are many items that are not hatched out (up turned beams along grid lines 1 and 12 for example. It is our understanding that everything on this floor is by the subsequent project and is not to be included with the exception of the small structural slab on the South end. Please confirm that the walls, columns, and beams that are not hatched out are to be excluded.

A30. Only items included are between grids 11-12 and B-C. Will clarify in Addendum 2.

Q31. Sheet S-104.0, at column lines 11 and 12, there are beam sizes being called out but don't have a beam tag. Please provide so we can determine what reinforcing is required.

A31. Will provide beam reinforcement in Addendum 2.

Q32. Sheet S-100.5, columns E-3 and E-4 are called out on the schedule as 18x38 but on the floor plan they scale to 24x48. Please confirm the dimensions.

A32. 18x38 per schedule.

Q33. Sheet S-100.5, column E-2 is called out on the schedule as 24x36 but the plan scales out to be 32x60. Please confirm the size.

A33. See 7/S-313 & Column R1.3-2 pm S-301.4. 30'x60" per schedule from U0 slab to level 1.

Q34. Sheet A-303.0 Shows the concrete wall stepping along this elevation. On Sheet S-102.0 and on detail1/S-205.0 no brick ledge is indicated or shown, please provide detail on how we

are to accomplish the stepping of the wall for the stone veneer, including elevations and brick ledge details.

A34. Only the stone veneer steps. There is no ledge in this location. See D2/A-400.0 for similar detail.

Q35. Per the column schedule and sheets S-101.0 and S-102.0, columns D-1, D-2, D-3, D-8, R1.3-2, R1.3-3, and E(-2'10 ½)-12 are indicated to be included in this work package while the other columns in this area that extend to the bottom of the deck above (provided by the next project) are not. Please confirm if this is correct or should all the columns be excluded or included in the area between column lines 1 and 8 from D to R1.3.

A35. Columns noted are included in contract up to underside of level 1 only. Will clarify in Addendum 2.

Q36. Sheet A-100.5 has 10" CMU walls scheduled (electrical vault and water service fire pump rooms). Referring to the masonry reinforcing schedule on sheet S-401.0 there is no reinforcing call out for 10 inch CMU. Please clarify what reinforcing we are to provide at the 10 inch walls.

A36. Use same reinforcement as the 8" walls.

Q37. Sheet A-101.0 shows what appears to be a partial height wall that curves (adjacent to the emergency generator room). There is no tag or cut section to denote what this wall is. Please provide more information.

A37. This is a concrete curb/apron. Detail will be provided on drawings in Addendum 2.

Q38. On K3/A-400.0, Detail K4/A-451.0 is called out but K4 is not on sheet A-451.0. Please provide detail.

A38. See K6/A-451.2

Q39. On K6/A-401.0, Detail F3/A-451.1 is called out but F3 is not on sheet A-451.1. Please provide detail.

A39. See E4/A-451.1

Q40. On K6/A-402.0, Detail K3/A-451.1 is called out but K3 is not on sheet A-451.1. Please provide detail.

A40. See K4/A-451.1

Q41. On K3/A-402.0, Detail F11/A-451.2 is called out but F11 is not on sheet A-451.2. Please provide detail.

A41. See E11/A-451.2

Q42. Sheet S-100.1, general note 1 states the slab on grade need to be a minimum of 6". Between column line 6 and 7 and row A.3 and B states to provide a 6" structural slab on grade. At the same column lines but row C and D calls for the slab on grade to be 8". Please confirm the 8" concrete slab on grade note is supposed to be 6" or define the extents of the 8" slab on grade.

A42. Slab on grade is 6" on all of level U4. Will clarify on Addendum 2.

Q43. Section cuts on sheets A-210.0 and A-220.0 show what appear to be concrete slabs extending over the shaft openings for the stairs and elevators. Per the structural drawings the center cores do not call for concrete slabs over the shaft openings (grid lines 9 and 4). Please confirm that these shafts are to remain open and are not capped with structural slabs.

A43. These slabs and temporary roofs to be deleted in Addendum 2.

Q44. At detail 1 on S-501.0 there is a steel beam called out at the upper beam connection that supports a composite steel deck slab. Where this detail occurs the slabs are structural concrete (not composite steel deck. Please revise the detail to show how we are to connect to the concrete structural slabs.

A44. The detail represents all possible conditions. See lower connection for concrete slab connection information.

Q45. On drawing S-101.0 along column line 1, between column lines A & B there is a note to see detail J9/A-411.1 for a WF beam. The J9 detail does not identify the beam size. Please review and clarify the steel detail.

A45. To be provided in Addendum 2.

Q46. On drawing S-101.0 at the intersection of column lines 1-C there is a note about a steel lintel welded to a steel embed plate, no size is given. Please clarify the lintel size.

A46. To be provided in Addendum 2.

Q47. Detail J2/A-414.1 shows a steel lintel at the overhead door openings. This steel lintel is not shown or called out on the structural drawings and there is no table for steel lintels this long. Please indicate what size steel lintel we are to provide.

A47. To be provided in Addendum 2.

Q48. Sheet A-101.0, the masonry wall that cuts across corridor 0104 at 0104A is shown to be partial height per cut section K7/A411.2. Per code plan E1 on G-103.0 this wall is called out to be 2 hour rated. Please clarify how we are to create this fire separation with the wall when it only goes partial height.

A48. Delete steel beam and extend wall to bottom of slab above. Detail to be provided in Addendum 2.

Q49. I'm having a hard time finding a structural detail that shows how the elevators shaft walls, stairwell walls, and shear walls tie into the structural slabs. It makes a big difference for us if we can gang form the shafts and pour multiple levels at a time or if we'll have to pour them floor by floor. Please provide a detail for that connection.

A49. Design assumption is floor to floor construction similar to detail 5/S-310.0. Will clarify in Addendum 2.

Q50. Also looking for a detail as to how the ramp wall along column line D.5 ties into the ramp. Again, I'm having a hard time finding a typical detail for that. It appears the wall extends from U4-U0, but not a lot is shown for connections at each level.

A50. Design assumption is floor to floor construction similar to detail 5/S-310.0. Will clarify in Addendum 2.

Q51. Has there been any conversation as to extending the project schedule? Preliminary talks with excavators seem to indicate the utility work and main building excavation & retention could take close to 4 months. This is a unique project in regards to the depth below grade and tight site constraints. That only leaves five us 9 months to do the below and above grade work, including extensive waterproofing, which will also be through the dead of winter. It seems like a very tight schedule.

A51. Will be included with in Addendum 2.

Q52. Please confirm that the SOG for level U4 is a 6" structural slab between gridlines A and B.5 and that the remaining areas are and 8" fiber reinforced slab.

A52. All of level U4 slab on grade is 6" thick with fiber reinforcement. Will clarify in Addendum 2.

Q53. On Sheet A-100.1 the full height chain linked fence and chain link gates are shown on the drawings along grid line 6. No specification is provided for the chain link fence. Please provide.

A53. Specification will be issued in Addendum 2.

Q54. Sheet A-502, on the door schedule there are a number of openings with hollow metal doors where there is no frame material type given. Please confirm these are to be hollow metal. An example is door U001

A54. All door frames are hollow metal except 0200, and 0200A. All hollow metal frames to be painted.

Q55. On drawing A-201.0 rooms U206 and U210 call for WP-1 wall finish however this finish is not called out on the room finish schedule (A-501.0). The room finish schedule calls for GPY/PT-1. Please confirm which wall finish is required.

A55. See Partition Type 9 - Prefinished Plastic Panels.

Q56. The room finish schedule on drawing A-501.0 calls for CL-1 ceiling finish in many areas. Ceiling type CL-1 is blank on the finish legend. Please clarify what CL-1 is.

A56. CL-1 is exposed construction to receive ST-1 at exposed concrete and PT-1 at all other exposed surfaces. Material Legend and Room Finish Schedule updated for clarification.

Q57. Spec section 05 50 00 calls for a knox box under part 2.16.A. Please identify the location of the box on the drawings and provide model #.

A57. Delete Knox box spec section.

Q58. Detail 6/PA-701.0 shows surface mounted pipe bollard, bolted to the concrete curb. Spec 05 50 00 part 3.4.B describes bollards with concrete footings. Please clarify what type of bollard we are to provide.

A58. Follow Architectural detail.

Q59. Please size the steel called out at details D2 & F2 on A-412.2. and provide the method of attachment to the structure. These angles are not addressed on the structural drawings. Similar would apply to F4 and H2 on A-415.0

A59. To be designed as required by curtain wall metal fabrication & louvers. See Specifications 05500, 084423, and 089119.

Q60. At detail 8 on M-500 shows an insulated metal curb that is called out to be by GC. Please provide a specification for the curb so bidders know what to provide.

A60. To be provided in Addendum 2.

Q61. Regarding louvers, there is conflicting information on the mechanical drawings as to who provides this work. M-101.0 & M-101.2 for example call for exhaust louvers by MC; however, detail 13/M-500.0 calls for louvers by GC. Please confirm who is to provide and install the louvers and related flashing.

A61. To be determined by General Contractor.

Q62. The louvers at Doty Street called out on drawing A-302.0 do not appear to be called out on the mechanical drawings (For the similar situation on Wilson street the louvers are called out on the mechanical drawings). Please confirm who is to provide the louvers.

A62. To be determined by General Contractor.

Q63. Detail G2/A-411.3 calls limestone panels out to be 1-1/2" thick. Specification section 044200 page 3 item 2.3.H states that stone to be not less than 2" thick. Please clarify how thick the limestone panels are to be.

A63. Limestone panels to be 1-1/2" thick.

Q64. Cut section J2/A-414.1 does not show any lime stone veneer on it. On detail k4/A-414.0 the walls that abut the opening where the J2 section is cut do indicate stone. Please clarify if we are to provide stone over the opening.

A64. No stone over the opening to the ramps. Stone at the jambs of the openings should extend to bottom of slab above.

Q65. Cut Section K2/A-401 has a note for stained concrete and CMU that points to the return wall on column line A.3. Per K4/A-414.0 the return is drawn as if it is to receive stone veneer. Please confirm that we are to provide limestone veneer as indicated on detail K4/A-414.0

A65. Provide limestone veneer as indicated on detail K4/A-414.0

Q66. Detail G2/A411.3 shows the typical stone joint detail. Please answer the following questions.

a. There is a note for using a proprietary stone anchor. Per the specification this anchor type is not given. Please clarify the manufacturer and anchor type.

b. No caulking or mortar is shown in the joint between the stone panels. Please confirm that we are to leave open joints or clarify what type of material we are to fill the joint with.

A66. a. Proprietary stone anchor to be Halfen Body Anchor or approved equal. Strap Anchors acceptable.

B. Leave joint between stone panels open.

Q67. The architectural drawings do not indicate any waterproofing for interior column footings. Per detail G9/A-451.0 and similar, waterproofing is shown to be placed under the

footings at the exterior wall conditions. Please clarify if we are to waterproof the bottom of all interior column footings in a similar manner.

A67. Yes. Provide waterproofing under all interior column footings. The intent is to provide a complete moisture resistant envelope.

Q68. Plan Sheet S-100.4 is noted on the Document Set Index and is omitted from the electronic plan set. Please provide if it is required.

A68. Clarification to be provided in Addendum 2.

Q69. There is a note "Concrete Slab on Grade 8" between Col. 7 & 8 and C & D with what would appear to be a contradictory note of 6" Structural slab Between Col. 7 & 8 and A.3 & B along with Notes #1. Which is accurate?

A69. All of level U4 slab on grade is 6" thick. Will clarify in Addenda 2.

Q70. Sheet S-001.0. Under - General Excavation Notes, #9, notes 3" Mud Slab while on, Foundation Notes, #3, notes 4" Mud Slab. Please confirm which is correct.

A70. 4" is correct. Will clarify in Addenda 2.

Q71. Sheet S-201.0 Please provide the width of RF2

A71. 2'-0". Will clarify in Addenda 2.

Q72. Sheet S-204.0 There is a note "Concrete Slab on Grade 8" between Col. 7 & 8 and C & D with what would appear to be a contradictory note of 6" Structural slab Between Col. 7 & 8 and A.3 & B along with Notes #1. Which is accurate?

A72. All of level U4 slab on grade is 6" thick. Will clarify in Addenda 2.

Q73. Is the earth retention system temporary or permanent? The drawings indicate a 1 sided wall pour against the earth retention. The Geotech report discusses this scenario as option B and describes this scenario, but it also calls for the temporary earth retention to be designed for "at rest pressures". General Excavation Note #2 on S-001.0 direct use to design the earth retention system in accordance with parameters established in the Geotechnical Report. It is our opinion that designing an earth retention system for at rest pressures is designing for a permanent wall, not a temporary wall. At rest pressures are 30-40% higher than active pressures and will result in a more costly earth retention system than what is required for a temporary earth retention system in our opinion. Please indicate if this is meant to be a temporary or permanent shoring system. If it is temporary, it is our opinion that at rest pressures should not be used for basis of design. Please supply at rest pressures from the Geotechnical Consultant.

A73. All ERS design to be by the Contractor in consultation with the Geotechnical consultant.

Q74. What lateral pressure has been used for design of the permanent wall? Does it include hydrostatic pressure?

A74. All ERS design to be by the Contractor in consultation with the Geotechnical consultant.

Q75. What is the design groundwater elevation for the temporary shoring walls and permanent 16" walls?

A75. All ERS design to be by the Contractor in consultation with the Geotechnical consultant.

Q76. What is the estimated volume of seepage into excavation?

A76. All ERS design to be by the Contractor in consultation with the Geotechnical consultant.

Q77. Are soil samples from the geotechnical investigation available for observation?

A77. All ERS design to be by the Contractor in consultation with the Geotechnical consultant.

Q78. Who will review the earth retention design submittal?

A78. ERS design will be reviewed by the architect and structural engineer for information only.

Q79. Have soil movement tolerances been established? If so, provide. General Excavation Note #5 on sheet S-001.0 discusses the monitoring required, but does not establish a threshold of movement for the shoring wall.

A79. All ERS design is to be part of the contract. The ERS contractor is to work in consultation with the Geotechnical consultant, so as to not cause any negative effect to adjacent buildings, , structures, curbs, utilities, etc.

Q80. Detail 3 on S-204.0 implies that the Madison Municipal Building (MMB) Annex is supported on piles and needs to be field verified. Are we to assume that the MMB Annex is supported on piling for the bid? Is the MMB Building supported on piles?

A80. MMB is supported on shallow foundations. Will clarify in Addendum 2.

Q81. We are requesting as-built drawings and building loads for the Madison Municipal Building (MMB) and the East Parking Garage.

A81. Will be included with in Addendum 2.

Q82. The geotechnical report refers to potentially contaminated materials on the site. Please clarify how payment for removing contaminated or hazardous materials from the site will be paid. Please clarify how much material is anticipated to be contaminated and the environmental contaminates to be assumed for bidding purposes.

A82. The amount of possible contaminated soil is unknown. The City will handle the testing, landfill profiling, and the landfill tipping fee. The contractor should be prepared that if contamination is discovered, a delay of 1 to 2 weeks should be expected prior to being able to haul.

Q83. The geotechnical report refers to existence of an environmental report. Please provide the report.

A83. Will be included with in Addendum 2.

Q84. Specification 04 22 00 - concrete masonry item 2.7.A specifies single-wythe CMU flashing and it is specified to be installed were indicated (3.7.A). In reviewing the plans there appears to be no single wythe flashing indicated. Please confirm that there is no single wythe flashing required or clarify where we are to provide.

A84. Confirmed. No single wythe flashing required.

Q85. Specification 04 42 00 - exterior stone cladding, page 4 talks about fabrication of steel stud frames, and painting of them under items 2.7 and 2.8. Please clarify where this applies. Also this work should be covered under the drywall framing and painting specifications so if it does apply please move it to the respective divisions so subcontractors do not miss it.

A85. This is not applicable. Delete items 2.7 and 2.8

Q86. Specification 04 22 00 - Concrete Unit Masonry calls for 5'x4' mockup of the stone panels and burnished block. Specification 04 42 00 - exterior stone cladding calls for a 15'x10' mockup of the exterior wall. Please clarify what size mockup of the exterior stone cladding is required. If we are required to provide a 15'x10' mockup is it acceptable to incorporate it into the building as a finished product. If not please indicate where we are to place it on site and provide a drawing of what we are to provide, including the structural components to support it.

A86. Stone mockup to be constructed approximately 7' W x 4' H, extent per G6/A-411.3, with CMU and all components of wall assembly. Approved mockups may remain as part of the finished work per 04 42 00, E.3.

Q87. Specification 04 22 00 - Concrete Unit Masonry item 2.8.D calls for a PTA 420 anchor that mechanically fastens to the structure. Per detail 2/S-401.0 we are to use a PTA310 that goes into a dovetail slot. Please clarify what system we are to use or indicate if it is contractor's choice.

A87. Either is acceptable.

Q88. Page A-002.0 shows a new fire hydrant on East Wilson at the A Column line, but there is no mention of it on the C-141.0 Site Utility Plan. Please clarify if this hydrant is to be included.

A88. Only hydrants shown on C-141.0 are required.

Q89. Page L-101 shows existing hydrant at East Wilson Street at the E column line. However the C-141.0 calls for the removal of this, with no new hydrant. Please clarify if this hydrant is to remain, to be removed, or temporarily removed during construction and replaced.

A89. Only hydrants shown on C-141.0 are required.

Q90. On Page C-110.0 there are approximately 20 parking meters shown that will need to be removed in the parking lot and along Pinckney Street and Wilson, but no mention is made of that. Please clarify if the general contractor is responsible for the removal of these meters.

A90. This question appears to reference sheet C-111.0 in lieu of C-110.0 as C-110.0 is not part of the plan set. Sheet C-110.0 will be revised in Addendum 2 to show that the contractor is responsible for calling Dan Valenza at the City Parking utility 608-266-4744 to have Parking Utility crews remove the parking meter heads, space markers, and pay station. The contractor shall give at least two business days notice before the meters need to be removed. The contractor is required to remove and dispose of the parking meter posts and bases once that Parking Utility has removed the meter heads and space markers.

Q91. Detail 3/S-204.0 Calls out "drainage board at exterior face of ERS wall" as a dashed line starting at approximately elevation of 871' and extending well below the bottom of footing. Please clarify at what elevation the bottom of the drainage board stops at.

A91. Drainage board shall be located full height at outside face of all ERS walls. Will clarify in Addenda 2.

Q92. Section 104.2 "intent and coordination of contract documents" lists: Exhibit D - Geotechnical Report Dated 6/3/27 as an "exhibit for bidding purposes." Boring 1 noted a possible petroleum odor near 50 ft. Please clarify if these soils, if contaminated, will be considered an unforeseen condition and paid for as change order or specify an allowance that should be included in the bid for the removal and proper disposal of contaminated soils.

A92. Please see answer to Q82.

Q93. Spec Section 31 20 00-2 (1.7)B states: Improvements on Adjoining Property: Authority for performing earth moving indicated on property adjoining Owner's property will be obtained by Owner before award of contract. Detail 3/S-204.0 calls out "Open Cut - Excavation, as determined by contractor." This open cut extends past the property line onto the adjoining property. Please clarify if earth moving operations for the Judge Doyle Parking Structure on the MMB property have been authorized.

A93. Please see specification revisions as part of this Addendum 1. Addendum 2 sheets will delete the call out of open cut excavation and identify the west project limit as the property line. ERS will be required to maintain the property line project limit.

Q94. Per structural concrete note part D.1 on Sheet S-001.0 it states that all pours to have a maximum pour size of 90' in either direction. At a 90' pour requirement the decks will need to be poured in at least 6 pours per floor but if we can go larger they could be poured in as little as 4 pours per floor, which would be more efficient. Please clarify if this maximum pour size of 90' can be deviated from for the structural slabs.

A94. 130' pour size could be used. Will clarify in Addenda 2.

Q95. Wall section K7/A-400.0 shows the first floor retail space is part of our contract. Floor plans on the first floor for both the architectural and structural indicate this is not part of our contract. Please confirm this is not part of our contract.

A95. Confirmed. Retail space is Not In Contract.

Q96. Wall sections K6 & K2/A-401.0 are on the same level but the two blow up details for C4 and H11/A-451.1 have different water stop conditions. Please clarify the extent of the second strip of waterstop needed at the Doty street entrance.

A96. It is our intent to have two water stops at both entrances along entire length of both garage openings. Detail will be updated for Addendum 2.

Q97. Please provide detail H3/A-451.1 as called out on K6/A-402.0

A97. This detail currently does not exist. However detail G4/A-451.1 is the one that was meant to be tagged (instead of H3/A-451.1) on section K6/A-402 at the grade condition (above sidewalk vault at Wilson St) opposite detail H7/A-451.1.

Q98. Please provide detail C11/A-451.2 as called out on K3/A-402.0

A98. Detail is already provided on sheet A-451.2 in upper left corner.

Q99. General note 4 on drawing C-121.0 calls for pavement damage to be patched per the City's patching criteria. I contacted the engineering department and was told that Wilson Street could have a temporary patch for the utility work since the street is scheduled for future work under a separate contract. Please confirm if temp patching is acceptable or if the patching criteria should be followed.

A99. Doty and Wilson are schedule for future public works reconstruction. All street patching will require the contractor to match existing materials and thicknesses for all street patching.

Q100. Erosion control note 5 on drawing C-121.0 addresses applications that have been submitted. Have the fees for these applications been paid or is the General Contractor to include these fees?

A100. Fees for the City erosion control permit & WDNR WRAPP will be paid by the City. Please see specification revisions as part of this Addendum 1.

Q101. With the Madison Municipal Building bid, the Street Occupancy and meter fees were waived on Wilson Street. This does not appear to be the case for this project based on review of the bid documents. Is that correct, should the contractor be including all fees as stated in Section 108.2, part D Special Provision of the contract specifications?

A101. Please see specification revisions as part of this Addendum 1.

Q102. Video Surveillance System - In Section 2.1 it says the video surveillance system shall be an expansion of the existing video management system. It is our understanding this is a completely new independent system/build. Do we need to provide a new Exacq Vision Server for recording the new cameras? If we do need to provide a new Exacq Vision Server please specify the series and size of the Exacq vision server or servers.

A102. The camera system will be an expansion to the existing City ExacQ enterprise system. Parking Utility already utilizes this system. No backend server required. Cameras and licenses still required.

Q103. Section 27 00 00 - Please confirm that there is no voice and data cabling in the scope of this work, other than related to the camera work?

A103. There are data locations for the pay stations/kiosks as well as the parking office as noted on the plans

Q104. Section 27 21 33 - This spec says WAPs are to be installed in the parking garage. Please confirm that there are no WAPs on this project.

A104. City IT has no requirement for WAPs, however, this could be something that the Parking Utility is interested in having throughout the structure. This would be a question for the parking utility. In general, IT recommends a WAP in any office area (if needed) as well as any HVAC or utility area if monitoring/testing equipment is to be used for maintenance.

Q105. In spec section 10 14 there is a reference to variable message sign such as from Daktronics, but it is not indicated in the drawings. Other than the 5 floor plans, is there a sign schedule that shows quantity by sign type? Signage quantity can't be calculated from PA-601.0, PA-701.A and G-101.0

A105. All "fixed" signage (both electronic & non-electronic) should be provided and installed by the contractor, except for the motorcycle space markers (Detail S38), which our sign shop will make to provide for contractor installation.

The dynamic signage will be owner supplied and installed by HUB in coordination with the PARCS installation. The electrical contractor will need to assist with connections & all conduit and wire needs to be installed by the contractor. HUB will essentially be hanging, connecting, and configuring the electronic signage. This applies to sign details S24, S26, S27.

Entrance/Exit signage will be added to drawings in future Addendum. Mechanical should be coordinated with HUB.

Q106. Section 108.2 of the Section D: Special Provisions states " The Contractor shall apply, pay for, and obtain all permits...." Is Dave Schaller the point guy regarding all City of Madison fees or do we need to contact each respective department?

A106. City Construction Manager Dave Schaller is the point person to contact regarding the coordination of payment for all City of Madison permit and licensing fees. Please see specification revisions as part of this Addendum 1.

Q107. Please confirm if there will be street degradation fees. City of Madison Building Inspection (Alan Harper) sent information that the building permit fee is based on \$0.12/SF for a ramp structure. Will a street occupancy permit be required? Other fees?

A107. There will not be any City of Madison street degradation fees, City of Madison permit fees, City of Madison street occupancy fees, or City of Madison licensing fees. Please see specification revisions as part of this Addendum 1.

Q108. Looking at the plan room of CD Smith webpage, sign schedules only appear on the following sheets:

G-101.0

PA-601.0

PA-701.0

Is that it? Do you have a list of the plan holders to send a signage package to?

A108. Parking sign locations are shown on the floor plans on drawings:

PA-100.1, PA-100.2, PA-100.3, PA-100.4, PA-100.5, PA-101.0, PA-102.0

The parking sign schedule and components are shown on drawing PA-601.0

The parking sign mounting details are shown on drawing PA-701.0

The parking signage spec section is Section 10 14 00

The plan holders list is available on the Bid Express website. The current plan holders list has C.D. Smith, C.G. Schmidt, J.H. Findorff, J.P. Cullen, Miron, and Stevens. Other possible bidders include Kraemer Bros., Tri-North, Vogel, and Boldt.

Q109. The project being bid on August 4 is just for the City of Madison Parking Garage, correct? So only testing for the garage is included in this bid? Is it correct to assume that the testing for the structure above is being handled separately through Beitler directly?

A109. Yes.

Q110. Section 01 45 29 - Test Laboratory Services indicates that four sections require testing:

03 30 00 - Cast-In-Place Concrete

05 12 00 - Structural Steel Framing

05 40 00 - Cold-formed metal framing

31 20 00 - Earthwork

Specs are provided in project manuals for 03 30 00 and 31 20 00, but there are no specs listed for 05 12 00 and 05 40 00, but there is a spec for 05 50 00 (Metal Fabrications). Can you confirm if structural steel framing and cold-formed metal framing testing is required or not?

A110. There is not any structural steel or cold formed framing in this project and the miscellaneous metals (05 50 00) will not require any testing.

Q111. b. In 01 45 29, page 2, Section 1.7, Subsection A, Items 1 through 4 (testing for cast-in-place concrete). These four items appear to describe the verifying the contractor's concrete mix designs.

a. These items are usually handled on the concrete supplier's mix design schedule.

b. Is the expectation that an independent testing lab complete this testing for the project?

A111. a. Agreed. These submittals generally include documentation on the cement, admixtures, mix proportions, as well as concrete test break history.

b. No.

Q112. In 01 45 29, page 2, Section 1.7 (cast-in-place concrete testing) there is mention of the typical field tests (slump, temperature, and percent air entrainment), as well as cast of test cylinders. No questions with that. However, in Section 03 30 00, Pages 17-18 in addition to the concrete field tests and compressive strength cylinders, there is also mention of steel reinforcement placement inspection (rebar checking) being required. Can you confirm if rebar inspection is required, or just concrete testing?

A112. Include rebar placement inspection.

C. **ACCEPTABLE EQUIVALENTS** – No change for ADDENDUM No. 1.

D. **SPECIFICATIONS**

A. Section 108.2, part D Special Provision of the contract specifications. DELETE all reference to the contractor paying for City of Madison permit and application fees. ADD that the City will pay all City of Madison permit and application fees. NOTE: The contractor will still be required to apply and obtain all permits and licenses required and the contractor shall still be responsible for any fines issued due to non-compliance with the project permits.

B. Spec Section 31 20 00-2 (1.7)(B) - DELETE

C. Spec Section 31 20 00-2 (1.7)(B) – ADD – The west property line will be the west project limit. Earth Retention System (ERS) will be required to protect the property west of the property line.

D. Spec Section 31 20 00-2 (1.7)(B)(1) DELETE

E. Spec Section 31 20 00-2 (1.7)(B)(1) ADD – Contractor to include support for the MMB annex addition structure in the design of the ERS for this project.

E. **DRAWINGS** – No change for ADDENDUM No. 1

F. **ADD ALTERNATES**

A. Crystalline add mixture in the concrete mix design for the structural decks should be

included as an Add Alternate to the bid. See Addendum 2 for the updated concrete mixtures.

G. CLARIFICATIONS

- A. 111200 Parking Control Equipment - All parking control equipment conduit, wire and final electrical connections to be by the Electrical Contractor as part of this contract. All Parking control equipment to be installed by HUB Parking Technology.
- B. Electronic Signage to be installed by City Parking Utility and wired by the Electrical Contractor.
- C. Please see revised contract language - City Contract Page D-1, ARTICLE 102.9 - DELETE the last paragraph and ADD the following: "When a bidder is unable to achieve the established SBE goal, the bidder must demonstrate that a good faith effort to do so was made. In addition to those criteria set forth in Section 2.4.1 of Section C, a union General Contractor wishing to subcontract with a non-union Small Business Enterprise (SBE), who's scope of work is included in the jurisdiction of a union that the union general contractor is signatory to, may encourage the non-union SBE subcontractor to consider entering into a Project Labor Agreement with the subject union specific to the project. The City will consider this when determining if a good faith effort was made. Interested SBE Subcontractors may contact the Executive Director, Building and Construction Trades Council of South Central Wisconsin at btrades@sbcglobal.net or at (608) 256-3161 to discuss entering into such an agreement."

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <https://www.bidexpress.com/>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another method.

For questions regarding this bid, contact:

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Construction Manager
Phone: (608) 243-5891
Email: dschaller@cityofmadison.com