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ADDENDUM NUMBER: **1**

May 21, 2018

Texas A&M Aerothermochemistry Lab Expansion
1733 George Bush Drive W, College Station, TX 77845

Prozign Project No: 1605 PM:
SSC Project No. 2017-02079

Architect: Prozign Architects, Inc.
MEP Engineer: Salas O'Brien
Structural Engineer: Scientech Engineers
Civil Engineer: Kuo & Associates

NOTICE TO GENERAL CONTRACTOR:

This Addendum forms a part of the Contract Documents and modifies the original Project Manual and drawings, issued for Competitive Sealed Proposal, Advertising dates: [IE: *Bid posted May 2nd, 2018, with Prebid : Wednesday, May 9th, 10 pm @ Project Site, and Bid Opening: Thursday, May 21st, 2 pm @ 600 Agronomy Road, Suite 218*], to the extent noted hereinafter.

Careful note of this addendum shall be taken by all parties of interest so that proper allowance is made in all computations, estimates and contracts and so that all trades affected are fully advised in the performance of work that will be required by them.

Items revised on the Drawings are designated by a cloud and a delta (Δ) surrounding the corresponding revision number or as indicated herein.

This Addendum supersedes all previous Drawings, Specification and instructions pertaining to these items. Acknowledge receipt of this Addendum by inserting its number and date in the Bid Form – Base Bid.

GENERAL

A. ARCHITECTURAL DRAWINGS

1. Sheet A0.00
 - a. Sheet A4.02-Architectural Elevations – Alternate Build-out has been added to index
 - b. Alternate 4 has been added to List of Alternates
2. Sheet G0.10
 - a. Applicable International Energy Conservation Code has been changed from 2018 edition to 2015 edition
3. Sheet D1.01
 - a. This sheet has been added to the drawing set
4. Sheet A1.00
 - a. Roof plan has been updated to match current design
5. Sheet A2.01
 - a. Revisions have been made to the Finish Schedule to indicate the locations of Sealed Polished Concrete & the elimination of Sealed Concrete bases
 - b. Section callouts have been added for the infill at Existing Building #1268
 - c. Partition Types have been revised at rooms 103X, 103Y, & 103Z
6. Sheet A2.02
 - a. Revisions have been made to the Finish Schedule to indicate ceramic tile in Restroom 212& for locations of sealed polished concrete.
 - b. A detail has been added for the mechanical chase near Mechanical 210
 - c. Door tag for Elevator has been revised
 - d. Added Toilet Accessory Schedule
7. Sheet A2.03
 - a. Finish Schedule has been reduced for clarity
8. Sheet A2.04
 - a. Revisions have been made to the Finish Schedule to indicate the location of Sealed Polished Concrete
 - b. Keyed Note 1 has been amended to indicate the mobile casework is Not In Contract
9. Sheet A4.02
 - a. This sheet has been added to the drawing set
10. Sheet A5.11
 - a. Details 03, 04, 05, & 06 have been added for information concerning the infill at Existing Building #1268
 - b. Keyed Notes 58-60 have been added for Details 03-06
 - c. Fascia of existing building has been revised to match existing conditions
11. Sheet A5.16
 - a. Phenolic window sill omitted
12. Sheet A5.22

- a. Plan Detail 04 has been added for information concerning the mechanical chase on the 2nd Floor
13. Sheet A9.00
- a. Dimensions for Window J/Window Type-C have been revised

B. PROJECT MANUAL

1. Section 00 00 10
 - a. Table of Contents has been updated
2. Section 01 23 00
 - a. Alternate 4 has been added
3. Section 06 40 23
 - a. Section has been added
4. Section 07 95 00
 - a. Section has been added
5. Section 08 11 00
 - a. Section has been amended to remove Curries Series 737
6. Section 08 71 00
 - a. Locksets revised to Sargent with LA keyway, no substitutes
 - b. Door Hardware schedule has been revised
7. Section 08 80 00
 - a. Section has been added
8. Section 09 25 00
 - a. Section has been added
9. Section 09 30 00
 - a. Section has been added
10. Section 09 51 00
 - a. Section has been added
11. Section 09 65 13
 - a. Section has been added
12. Section 09 90 00
 - a. Section has been added
13. Section 10 44 00
 - a. Section has been added
14. Section 10 52 00
 - a. Section has been added
15. Section 10 80 00
 - a. Section has been added
16. Section 11 53 13
 - a. Section has been added
17. Section 12 49 40
 - a. Section has been added
18. Section 13 48 40
 - a. Section has been added
19. Section 14 45 50
 - a. Section has been revised
20. Section 23 09 33
 - a. Section has been revised
21. Section 32 92 13

- a. Section has been added
- 22. Section 33 10 00
 - a. Section has been revised
- 23. Section 33 11 19
 - a. Section has been revised
- 24. Section 33 31 00
 - a. Section has been revised

C. MEP ITEMS

- 1. Addendum 1 by Salas O'Brien dated 05.21.18, is included as part of this Addendum. Also included are its attachments, as listed:
 - a. M1.01
 - b. M1.02
 - c. M2.01
 - d. M4.02
 - e. E2.01
 - f. E3.01
 - g. E4.01
 - h. E6.01
 - i. E7.01
 - j. P1.01
 - k. P4.01
 - l. T2.01
 - m. T3.01

D. STRUCTURAL ITEMS

- 1. Addendum 1 by Sciencetech Engineers dated 05.21.18, is included as part of this Addendum. Also included are its attachments, as listed:
 - a. S1.00
 - b. S2.00
 - c. S3.00
 - d. S3.01
 - e. S4.00
 - f. S5.00
 - g. S6.00

E. Civil Items

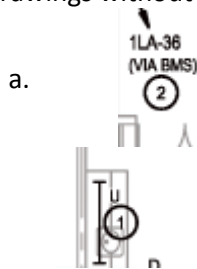
- 1. Addendum 1 by Kuo & Associates, dated 05.21.18, is included as part of this Addendum. Also included are its attachments, as listed:
 - a. C2.00
 - b. C3.00
 - c. C4.00
 - d. C5.02

END OF ADDENDUM NUMBER 1

1. The specifications list two different locations for the wage rates for this project. Please confirm which is correct:
 - a. 00 50 00 SSC Special Conditions 2.1 "<https://www.tamus.edu/business/facilities-planning-construction/forms-guidelines-wage-rates/>", this is the typical TAMUS work wage rates.
 - b. 00 70 00 Uniform General and Supplementary Conditions "<https://www.wdol.gov/wdol/scafiles/davisbacon/tx.html>" this is Davis Bacon Federal Wage Rates.
Response: Use 00 50 00
2. Please provide the following spec sections:
 - a. 06 40 23 Interior Architectural Woodwork **Added**
 - b. 07 95 00 Expansion Control **Added**
 - c. 08 80 00 Glazing **Added**
 - d. 09 25 00 Gypsum Wallboard Assemblies **Added**
 - e. 09 51 00 Acoustical Lay-In Ceiling **Added**
 - f. 09 65 13 Resilient Base and Accessories **Added**
 - g. 09 77 50 Fiber Reinforced Plastic (FRP) Panels **Added**
 - h. 09 90 00 Painting **Added**
 - i. 10 44 00 Interior Signage **Added**
 - j. 10 52 00 Fire Protection Specialties **Added**
 - k. 10 80 00 Toilet Accessories **Added**
 - l. 10 44 13 Fire Extinguisher Cabinets **Omitted**
 - m. 10 44 16 Fire Extinguishers **Omitted**
 - n. 13 48 00 Sound, Vibration, and Seismic Control LSM System for Concrete Floating Floor **Added**
3. Please issue the following sheets found on the Drawing Index but not included in the set:
 - a. D1.00 SITE DEMOLITION PLAN **Added**
 - b. S3.02 FOUNDATION PLAN AND DETAILS ALTERNATE DESIGN 4 **Response: We changed a few sheet numbers before submitting. S3.02 no longer exists and S3.01 is now titled FOUNDATION PLAN AND DETAILS ALTERNATE DESIGN 4**
 - c. A2.04 - 2ND FLOOR PLAN ALTERNATE BUILD-OUT (this is not listed on the index but included in set) **Added**
4. Please clarify: the building foot print does not match between the structural, architectural site plan, Architectural 1st floor, and civil drawings. Please verify which is correct. **Response: Architectural 1st floor. Drawings updated**
5. A3.00 Roof Plan does not match Architectural sections and elevations. Please provide correct roof plan. **Response: Drawings updated**
6. S2.00 Foundation Plan does not note any sloping or edge details of the slab areas that are exposed to the outside and not covered by the roof on the East side of the building. Nor does it indicate any different type of concrete finish. Please confirm this is the desired

design. **Response: Will coordinate with architect and provide additional drawings as required.**

7. The new retaining wall on the North and West side of building shown on Architectural and Structural sheets does not match the extents shown on the civil dwgs. Please confirm which is correct. **Response: Use civil for dimensions & extents**
8. Please verify that all MEP, Security, doghouses (structural, skin, etc) on the North elevation of existing building #1268 will be removed prior to the start of this project. **Response: Key Note 6 added to Sheet P1.01 Plumbing Site Plan stating that plumbing utilities on north wall of existing building #1268 to be removed/relocated prior to start of construction.**
9. Please confirm that all sealing of any penetrations, associated with the demolition on the North elevation of building #1268, are not part of this project. **Response: Not in project unless noted otherwise**
10. at the North elevation of existing building #1268 Please provide waterproofing details for the condition where exterior walls will intersect with flat structural slab not along the slab perimeter. This is condition applies on the East side of the building along grid lines D and G between GL 5-6; along GL 5 between D-G; and at the NE walls of 103X, 103Y, & 103Z. **Response: Slab will slope away from walls**
11. The electrical lighting floor plans, E2.01, have keyed notes (1 and 2 in circles) on the drawings without descriptions. Please clarify these.



Response: The keyed notes now appear on the sheet.

12. Please specify the exterior skin, or painting requirements of the skywalk and provide elevations if it is to be wrapped in metal panels or another material. **Response: Skywalk is not to be wrapped in any material; Any exposed steel will be coated with Kynar 500 w/ standard color (to be determined)**
13. Will waterproofing be required at the elevator pit, if so, please provide a detail and specification section. **Waterproofing not required, pit only 12" deep**
14. Will sub-grade waterproofing be required at the building perimeter grade beams, if so, please provide a detail and specification section. **Response: None required**
15. Do the CMU walls need to be painted? The finish schedule list "CMU" for wall finish. If so please provide paint schedule and specification. **Response: CMU not to be painted**
16. For Alternate 3 Future Lab Shell Space:

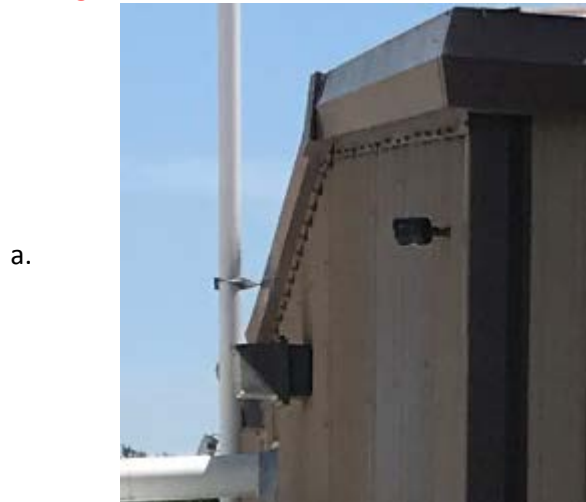
- a. building sections 01/A5.21 and 01/A5.20 still show exterior wall conditions (windows, metal panel siding). Please confirm that base bid exterior wall conditions are to remain for the alternate, or please provide new wall types and finish information. **Response: Base bid conditions to remain**
- b. Please provide elevation for the exterior of the new walls. **Response: Drawings added**
17. Key Note 1 on A2.04 for Alternate #1 2nd Floor Buildout does not note that the mobile casework docking stations are "Not in Contract". Please confirm that the alternate key note 1 should match the base bid key note or please add Mobile Casework Docking Stations in the specifications. **Response: Not in contract, note added**
18. A2.01 calls for partition type #2 at rooms 103x,103y,103z, but the finish schedule calls for CMU, which would be partition type #5. Please clarify which partition will be needed for these rooms. **Response: Drawings revised**
19. A2.02 calls for partition type #5 in room 209. Please confirm that room 209 needs to have wall type #5 (2 HR CMU Wall). **Response: Drawings revised**
20. A2.02 finish schedule lists all the finishes in the conference room 209 as part of alternate 1. Please confirm this is correct. **Response: Finishes are part of Alternate 1**
21. The finish schedule notes the following rooms to have "SC" base which is Sealed Polished Concrete. If this is correct please include in specification and drawing details for this base: Rooms: 103X, 103Y, 103Z, 104, 105X, 212, 213. **Response: No sealed concrete base in project. Schedules revised**
22. Please confirm that there is no ceramic tile in bldg. CT-1 is listed on the finish notes, but is not called for in the schedules. **Response: Ceramic tile in Restroom 212, drawings revised**
23. Please confirm that the exposed interior columns do not need to be painted. **Response: Any exposed structure to be painted**
24. A2.01-A2.03 all note that "SC" is "sealed polished concrete", but A2.04 notes "SC" as "sealed concrete". Please confirm that these notations are accurate. **Response: Drawings have been revised**
25. 02/A2.02 for RR 212 only shows grab bars along each the south and west wall, please confirm that this is all DIV 10 items that need to be included in the restroom. **Response: Drawings have been revised**
26. Please provide structural floor plan and structural details for the 2nd level for the metal decking and slab on metal deck. **Response: By Metal Building Manufacturer**
27. Re: C2.00 Grading and Paving Plan and C3.00 shows proposed sidewalk around the building at the northeast corner that does not match the outline of the building on the Structural Foundation Plan. Please advise on sidewalk location. The walks and ramps at the southwest corner of the building is not shown clearly either. There are several lines drawn, but it is not possible to tell what is the edge of sidewalk. **Response: Added callout for walk**

28. T3.01 calls for the security cameras noted to be owner furnished contractor installed. Please verify that this "contractor" is the owner's security contractor and outside the scope of this project.

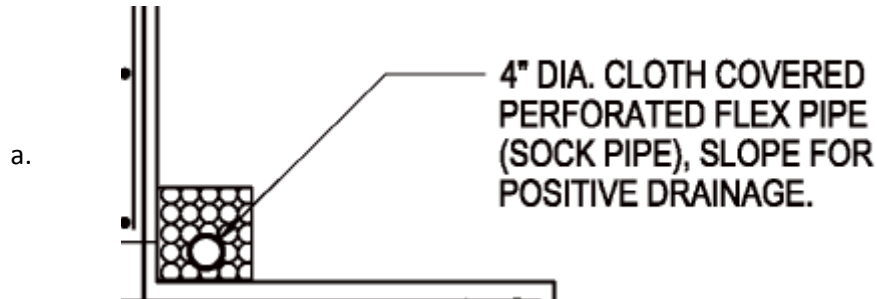
☐	SECURITY CAMERA LOCATION. PROVIDE (1) DATA DROP AT EACH LOCATION. CAMERA IS OWNER FURNISHED, CONTRACTOR INSTALLED.
☐	EXTERIOR SECURITY CAMERA LOCATION. PROVIDE CONDUIT, BACK BOX, AND (1) DATA DROP TO PLENUM SPACE ABOVE ACCESSIBLE CEILING. CAMERA IS OWNER FURNISHED, CONTRACTOR INSTALLED.

Response: Drawings revised

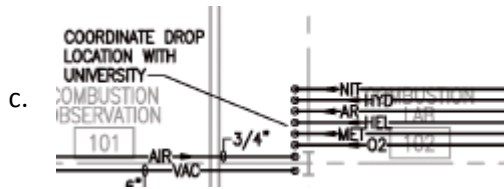
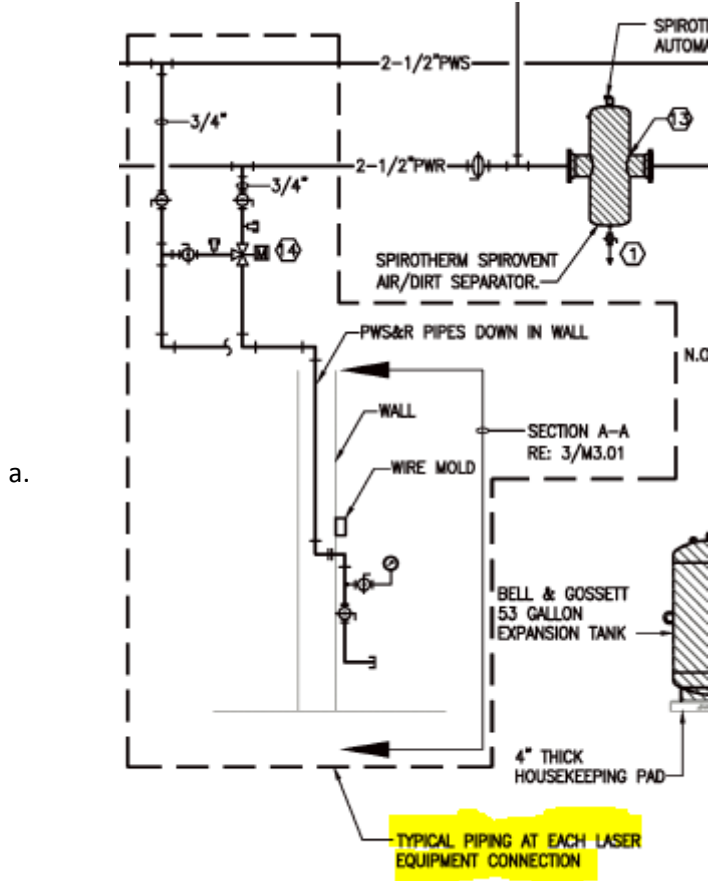
29. A2.02 Finish schedule labels Room 212 as "Janitor" Please verify that this should be labeled "Restroom" and confirm finishes listed are correct. **Response: Drawings have been revised**
30. 02/A5.11 note 48; The shown soffit/overhang for the existing metal building does not match the existing site condition, there is no soffit, just a standard PEMB fascia on the North side of the existing building. Please confirm that this detail still applies, if not please provide new detail for the tie-in to the existing building. See below pic. **Response: Drawings revised**



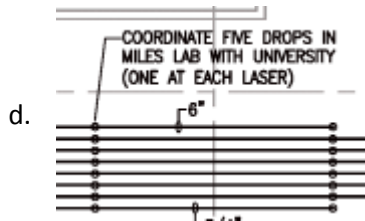
31. Please confirm door 103D should remain as scheduled for Alternate #3. **Response: Door to remain**
32. T3.01 notes the rough-in required for the card reader, however no rough-in details are provided for the electrified hardware at the door and door jamb. Please provide. Key note 16 on M1.01 says to refer to structural drawings for utility fan support, however no detail can be found in the structural dwgs. Please provide support detail. **Response: Fan support detail and foundation added. (Refer to 10/S3.00 and 5/S4.00)**
33. 4/S4.00 please provide information and spec for drainage media surrounding the perforated pipe. **Response: Civil to determine**



34. Please confirm that on site excavated material is suitable for backfill behind the retaining wall. **Response: Yes, site excavated material can be used for backfill as long as it is free of debris & organics**
35. A1.00 key note 10 and S2.00 Please confirm that foundation and retaining wall and sidewalks are allowed to cross the TXDOT R.O.W. **Response: Foundation & retaining wall should not cross R.O.W., sidewalk can encroach**
36. Please confirm that no special finish is required on the retaining wall and that typical gray concrete with no rubbing is the intended finish. **Response: Confirmed**
37. Can you please provide existing grade contour lines? Only point elevations are noted and existing contour lines will produce more accurate estimates given the large amount of elevation change on site. **Response: Survey provided**
38. 1/E2.01 notes 8 F/FE fixtures on the East side between GL D & G that are currently outside the footprint of the base bid building. Please verify that these should be located on the second floor drawing for the lighting alternate 1/E4.01. **Response: The lighting is noted to be suspended from the second floor structure.**
39. Please confirm that there will be no power or data required on the first floor for alternate #3 Future Lab Shell Space. No dwgs provided. **Response: Details have been added to sheet E4.01 showing alternate 2 lighting and power**
40. Sheet A2.02 shows door "200" which does not appear on the door schedule on sheet A9.00. Door schedule on sheet A9.00 shows door # "ELEV3" to exist, but this door does not appear on the drawings. Please clarify. **Response: Drawings revised**
41. Key note 11 (TYP) on M1.01 for process water down in wall occurs 16 times. The detail 1/M3.01 calls for process water in wall at each laser equipment connection. Please verify that this is correct as 1/P3.01 calls for only 5ea lab gas drops in the Miles Lab 103 and 1ea lab gas drop in the Combustion Lab 102 ("one at each laser"). Please verify.



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Response: Per email from Architect on February 27, 2018 Plumbing Drawings are correct as shown (five drops in Miles Lab 103, one in Combustion Lab 102, and one in Lab 3, Room 211. All drop locations to be coordinated with University.

43. 12/P5.01 Please provide requirements and connection details required to make connections to OFOI Lasers. **Response: For connection details, contractor to use existing connections in existing building #1268 as Go-By.**
44. 12/P5.01 Please provide lab gas drop support details. **Response: For connection details, contractor to use existing connections in existing building #1268 as Go-By**
45. M1.01 Please provide specification for Minitex Snorkel. **Response: Added key note 25 on Sheet M1.01**
46. M1.01 Please provide support details and specifications for Minitex Snorkel. **Response: Added key note 25 on Sheet M1.01, also added installation detail 16 on sheet M4.01**
47. Key Note 8 on M1.01 calls for a "Fume hood furnished by the owner installed by the contractor. Refer to architectural drawings for more information." However, the architectural drawings do not mention any fume hoods. Please provide more detail. **Response: See provided specification**
48. P2.01 and P3.01 show no water or sanitary service to the OFCI fume hood location. Please verify no plumbing connections will be required. **Response: Per University, there is no plumbing required at fume hood.**
49. Key note 6 on E3.01 asks to provide connection per manufacturer's requirement's. Please provide manufactures or verify connection noted is all that will be required. **Response: The power connection is all that is required electrically based on the cutsheet we were provided**
50. Please verify that the following items locates at GL 5.4/D are to be part of the Lab Shell Space Alternate #3.

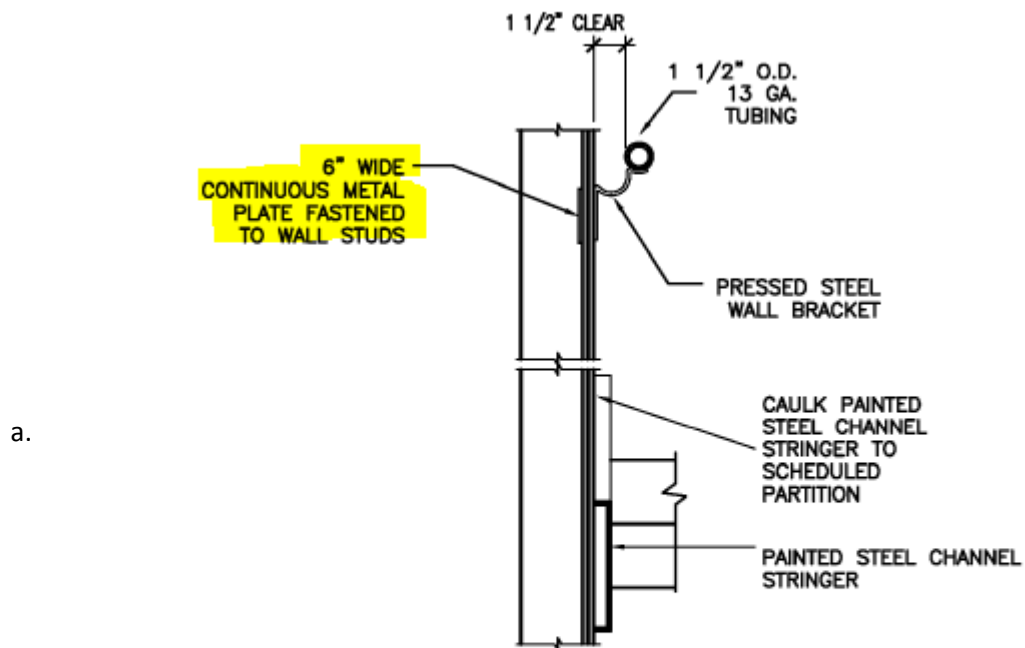


Response: Items are a part of Lab Shell Space Alternate #3

51. 2/E3.01 shows 3 outlets in room 107 Lab Shell Space. Please confirm that these should be part of Alternate #3 and should be WP outlets for base bid. **Response: The outlets have been noted to be GFI and WP for the base bid only**
52. On the electrical second floor power plan, E3.01, the acronym RPAG is called out but not defined. Please clarify this. **Response: The acronym (RPAG) referring to the local operating console has been removed**

53. The post indicator valve and fire department connection on sheet C3.00 is shown in a different location than the one shown on sheet P1.01. Please verify the location of the post indicator valve and fire department connection. **Response: Fire Department Connection / Post Indicator Valve location is correct as shown on Sheet P1.01 Plumbing Site Plan**
54. Key Note 5 on C3.00 calls for hydro mulch. Please provide extents of site area to be hydro mulched. Please provide specification for hydro mulch mix as well as any maintenance requirements, including watering. **Response: Revised note to indicate that all disturbed areas to be hydro-mulched. Will provide specification for hydro-mulch seeding**
55. Please confirm that no termite treatment or other pest control measures are required, if so please provide scope and specification. **Response: None currently required**
56. Key Note 13 A5.03 calls for metal panel soffit by PEMB, however, the specification does not call out any soffit types. Please provide soffit panel specification. **Response: Match Berridge L-Panel or equal by selected manufacturer**
57. On sheet C3.00, the fire protection water lines and water lines are called out to be HDPE. However, spec sections 331000, 331119, and 333100 (water, fire protection and sanitary lines respectively) state these lines to be PVC. What material are we going to be using for each type of utility line? **Response: Revised callouts on plan to reflect that all these three lines are to be HDPE as per TAMU Facility Design Guidelines. Will revise the specifications accordingly**
58. Please confirm no downspout boots will be required for the gutter downspouts. **Response: Added note to C3.00**
59. On sheet A9.00, the window schedule shows Wind. # "J" to have the dimensions 9'-6" x 7'-10". However, on sheet A4.00, architectural elevations show window "J" to be approximately 10'-4" x 8'-0". Please verify the dimensions of window J. **Response: Drawings revised**
60. Key Note 5/E3.01 please verify that this key note should be deleted. Per prebid meeting all this scope of work was being done prior to the start of this project, and is outside the scope of this project. **Response: The note has been deleted**
61. Key Note 14/A2.01 Please provide infill design. **Response: Drawings revised**
62. Drawings are calling for Type-X gypsum board for interior partitions (exp: key note 8 on A5.10; however, recently TAMU has switched to Densamour Plus for all interior gypsum board. Please confirm and provide specification. **Response: See provided specification**
63. A5.10 Key Notes 7 and 20, please verify that these both apply to the Vinyl Backed Insulation by PEMB and that no separate continuous vapor barrier is required, if separate vapor barrier is required please provide specification. **Response: No separate vapor barrier, both apply to Vinyl Backed Insulation**
64. Please confirm that 22 05 16 should be followed for all below slab plumbing and that piping should NOT be run in any type of void box or super void system, as is typical for TAMU projects with a slab on carton forms. **Response: Piping should not be routed in void box or super void system**

65. Please verify that TAMU standard for color coded conduit with factory applied color finish does not apply to this project, not found in specs. **Response: Comply with TAMU Facility Design Guidelines**
66. T2.01 does not distinguish between base bid and alternates for first or second floor. Please clarify. **Response: Drawings revised**
67. Key note 9 on T3.01 calls for the entire wall to be covered in fire rated ply wood, please confirm this is correct or if to 8' AFF is acceptable. **Response: Drawings revised**
68. Key Note 17/A2.02 please provide wall type for mechanical chase. **Response: Drawings revised**
69. Finish Schedule A2.03 Room 102 Remarks - Please provide specification for acoustic insulation at deck above. **Response: Specification provided**
70. General Note 3 A2.03 Please provide specification for foil backed gypsum board at all lab walls. Please confirm this only applies to rooms 103, 102 and 211 (as part of alternate 1). **Response: Foil backed gypsum only in labs. See provided specification**
71. Please confirm if any windows will get shades, if so type, no spec found? **Response: See provided specification**
72. Key Note 38 A5.16 please provide specifications for phenolic window sills. **Response: Drawings Revised**
73. Key Note 49 on A5.11 please provide specification for EPDM roof expansion joint material. **Response: See specification**
74. Wall Type 5 on A9.10 please provide details and sizing for steel plate and steel angle at top of wall. Nothing noted on structural drawings. **Response: Angles: 3x2x1/4, plate: 3/8" thick as required**
75. 8/A7.00 calls for a continuous 6" wide plate fastened to wall studs. Is this to be behind the drywall and on the face of the studs? If so please confirm thickness as it could impact sheet rock finishes. **Response: Drawings Revised**



08 WALL RAIL SECTION

$\frac{3}{4}''=1'-0''$

76. Please confirm that stair treads and landings are supposed to be finish SC - Sealed Polished Concrete, per finish schedule. **Response: Stair treads & landings do not need to be polished**
77. Please confirm paint finish for type D aluminum Storefront door for room 208. **Response: Storefront will not be painted**
78. Key Note 2 on M1.01 Notes to see specification for CPVC duct work, however CPVC ductwork is not mentioned in 23 31 13 Ductwork. Please provide specification. **Response: CPVC Schedule 80 Shall be provided.**
79. Key Note 7 on M1.01 please provide specification for stainless steel duct work for exhaust system and 316 SS for Fume Hood Exhaust. **Response: Refer to specification section 23.31.13 paragraph 3.9**

80. P3.01 Lab 3 211 Alternate, please confirm only 1 drop for lab gases in this room. Mechanical process water for laser cooling notes more than 1 drop. **Response: Per email from Architect on February 27, 2018, plumbing drawings are correct as shown. One drop in Lab 3, Room 211. Drop locations are to be coordinated with University**
81. General Note 9 P3.01 Please provide specification for cylinder restraints. **Response: Gas cylinder restraints to be USA Safety GB110FS with chain and strap or approved equal. Note added to Detail on Sheet P4.01.**
82. Key Note 34 on P3.01 please confirm not needed as there is not irrigation system noted in the drawings or specs. **Response: Comments from University dated March 7, 2018 stated that if there is an irrigation system, meter is to be located in Riser Room 105X. If there is no irrigation system, delete meter and related piping**
83. Please confirm that all rooms should be covered by a wet pipe sprinkler system including mechanical and MDF type rooms (no main electrical). **Response: Entire building to be protected by a wet type automatic fire sprinkler system, including mechanical rooms and MDF rooms, unless directed otherwise by University or Authorities Having Jurisdiction**
84. On sheet P3.01 Plumbing General Notes. # 6 the drawings call for ¼ " nominal tube O. D. 0.248-0.243 in. 316 ST. STL., and also calls for Schedule – 80. 2500 PSI. minimum. Schedule 80 and nominal tube are two different types of pipe, please confirm which one should be used. **Response: ¼" nominal tube O.D. 0.248-0.243 in. 316 stainless steel Schedule 80 to be used**
85. Could we please be provided with working pressures on the lab gas system and a model # for the regulators. **Response: Lab gasses to be routed at 2500 psi. it is unknown what the actual working pressure of each gas will be. Pressures will vary for each gas. Regulators to be provided by Owner**
86. RE: 4/S4.00 Typical Retaining Wall Section. Is the retaining wall 9'-0" high per 4/S4.00, or will height vary? There are varying TW elevations given on Grading Plan C2.00. **Response: Height will vary, refer to Civil for extents.**