



Loudoun County, Virginia

Division of Procurement
1 Harrison St, SE 4th Floor
Leesburg, Virginia 20175

September 8, 2020

NOTICE TO BIDDERS

ADDENDUM NO. 3

RFQ 216783

The following changes and/or additions shall be made to the original Invitation for Bid No. RFQ 216783: Construction of the Sterling Park Safety Center. Please acknowledge receipt of this addendum by signing and returning with your bid.

The purpose of this addendum is to modify the contract documents and respond to questions received.

1. The Acceptance Date for this Bid is delayed from August 31, 2020 to **prior to 4:00 p.m. September 22, 2020 local "Atomic" time.**
2. Attachment 1 contains new and revised plans and specifications. Specification 102113 has been deleted. A revised specification Table of Contents is included.

Prepared By: s/Samira Mkaimel, CPPB
Contracting Officer

Date: September 8, 2020

Acknowledged By: _____

Date: _____

ATTACHMENTS:

Attachment 1 – Revised Plans

BEGIN QUESTIONS AND ANSWERS

Q1 Provide information on the emergency signal and signage required for the interim facility as shown on plan C7 and described in narrative note # 11.

A1 Documents have been revised.

Q2 1131100-2.3.A says to refer to Division 11 "Foodservice Storage Equipment" – specification not included, please provide.

A2 Refer to added specification section 114100 - Foodservice Storage Equipment

Q3 We are interested in the Sterling Park project, however I think there is a contradiction in the spec we would like to have clarified. Spec section 074233 – 3, (below) the material is called out as "Pura NFC", but I don't believe that product is available in a "Fire retardant black core" as indicated on line 3. If you could please get this clarified.

1. Basis-of-Design Product: Detailing and finishes are based on "Pura NFC" Flush Siding by Trespa.
2. Siding Profile: Provide "flush" siding profile with manufacturer's standard routed profile for use with aluminum clips, with black core reveal. Traditional lap siding is not acceptable.
3. Panel Core: Fire retardant black core.
4. Panel Size: 7-1/4-inches wide by 10 feet long.
5. Panel Thickness: 8 mm (5/16 inch).
6. Panel Weight: Not to exceed 4 pounds per square foot.

A3 Refer to revised specification section 074233074233 - HIGH-PRESSURE LAMINATE PANEL SIDING.

Q4 Drawing C-8 and C-22 shows a SWM (Stormtech) 41 feet long, between MH#3 to MH#4. The storm-sewer profiles on C-11, show MH#3 and M4#4 at 100 feet apart. Please indicate the drawing to be followed.

A4 The storm profiles shown on C-11 are for the storm pipes entering and exiting the UG detention system. The stationing shown on those profiles is not intended to show the distance between MH #3 and MH#4. The distance shown on C-8 and C-22 is correct and should be used.

Q5 Drawing C-3 shows the typical interim pavement as 3" + 8" (no top) Drawing C-7 shows a heavy duty pavement as the same interim work. Please indicate the drawing to be followed.

A5 The Interim Heavy Duty Pavement Section shown on C-3 is to be used within the limits shown on C-7.

Q6 Please provide a specification for the interim apparatus bay doors.

- A6** Refer to added specification section 083323 - Overhead Coiling Doors.
- Q7** The interim door schedule seems incomplete. Are we to assume the doors listed in the schedule are provided by the door/hardware supplier and the other doors, besides the apparatus bay doors, should be provided the trailer and spring structure manufactures respectively?
- A7** Refer to revised specification section 133423 - Modular Building.
- Q8** Does the temporary station require a backup generator?
- A8** Yes, the temporary station does require a backup generator. An automatic transfer switch (ATS) with cam locks shall be provided, for connection to the owner's portable generator. Refer to revised sheet E5.1 for further clarification.
- Q9** Please advise if there is any rough-in requirements the GC is to provide for the Westnet systems in the interim facility.
- A9** Provide rough-in for devices in locations depicted on floor plan "Interim Floor Plan – Station Alert System" on sheet E1.1.
- Q10** Please advise if masonry piers on ABS pads are acceptable for the temporary modular building or if cast in place concrete piers will be required.
- A10** Refer to A7.
- Q11** The stairs/ramp on the north side of the interim facility is different on the A0.3 drawing from what is shown on the S0.2 drawing. Please clarify.
- A11** Structural drawing S0.2 has been revised to coordinate ramp and stair locations with drawing A0.3.
- Q12** Please provide details for the stairs and ramps for the interim facility. The modular building manufacturer does not provide these designs.
- A12** Refer to A7.
- Q13** There are no hardware sets scheduled for the interim facility door schedule.
- A13** Refer to A7.
- Q14** Please advise what type of doors and hardware is required for the other interim doors not listed on the interim door schedule.
- A14** Refer to A7.
- Q15** There are partition types IP1 and IP2 listed on drawing A0.3. This is for the spring structure and note 2 states that all partitions are IP1 UNO. There is no designation on the floor plan for these walls. Should the exterior walls be IP2?
- A15** Documents have been revised.

- Q16** Lockers are called out as keynote 5 in the interim facility. Are these Geargrid lockers to be provided by the GC? If so, are they new? Please provide specifications.
- A16** Documents have been revised.
- Q17** Please provide the overhead clearance height required for the interim apparatus bay.
- A17** Documents have been revised.
- Q18** What is the overall height of the interim apparatus bay?
- A18** Refer to A17
- Q19** Please confirm the Owner is handling the relocation from the existing facility to the temporary facility and from the temporary facility to the new facility.
- A19** Documents have been revised.
- Q20** Please provide a list of items being relocated to the temporary facility from the existing facility and from the new station form the temporary station.
- A20** Refer to A19.
- Q21** Please advise if the GC is responsible for disposing of remaining items left in the existing station and temporary station. If so, please provide a list of items to expect.
- A21** Refer to A19
- Q22** Please advise if as-built drawings of the existing station are available.
- A22** No As-built drawings are available.
- Q23** There are several locations of perforated panels on the project to include rails, tube wall, trellis. Specifications call for stainless steel with "Custom Pattern by Architect". Please provide a BOD for the "Custom Pattern" or provide an allowance as there is a wide range in pricing.
- A23** The pattern shown on the drawings is the basis of design.
- Q24** Sheet E1.1, Interim Floor Plan – Station Alert System. Please confirm that ALL keynotes indicated on this plan are BY OTHERS and that the electrical contractor is to provide junction boxes and conduit only under this contract
- A24** Refer to "GENERAL NOTES" note A.
- Q25** Sheet E2.1.3 & E2.3.3, Station Alert System. Confirm that ALL keynotes shown are BY OTHERS.
- A25** Refer to "GENERAL NOTES" note A.

Q26 Sheet E1.1, Interim Floor Plan – Communications. What does the number 15 inside the square represent at each of the fire alarm audio/visual notification devices shown throughout the modular building?

A26 The number inside each fire alarm device is the minimum strobe candela rating.

Q27 Sheet E2.1.3 & E2.3.3, Floor Plan – Communications. What do the numbers represent inside each fire alarm device?

A27 The number inside each fire alarm device is the minimum strobe candela rating.

Q28 Is Lightning Protection Required? There is no Specification Section in the Project Manual, and only (2) references in the Drawings, both on Drawing E4.1 Detail-Grounding System Diagram 1. “Primary Bond to Lightning Protection System” and 2. “Ground Bar attached to Roof Antenna Mast and Bond to Lightning Protection System”

A28 Refer to additional specification section 264113.

Q29 According to the Lighting Legend on Drawing E0.1, all light fixtures on Life-Safety Emergency Power is to have an integral Battery Backup. This project has a Back Up Generator for Life Safety Purposes. Generally projects have one or the other – Emergency Generator or Battery Backup for Emergency Lighting. Please verify if the Battery Backup is a requirement?

A29 The emergency light fixtures for the Interim Building shall be provided with integral battery back-up. The emergency light fixtures for the Permanent Building do not need integral battery back-up, except for light fixture type F, which does require an emergency battery back-up source.

Q30 Radiant Heating Snow Melt System – Please clarify the responsibility for this system. This System specification is 238313 and located in Division 23 Mechanical. This specification is clear that the Mechanical Contractor will be supplying and installing this system. Electrical Drawing E2.3.2 Keynote #15 states ‘PROVIDE A SNOW MELT SYSTEM FOR STAIR S05.’ This seems to conflict with the Mechanical specification. Please confirm it is the GC’s discretion of who completes which scope of work or clearly delineate the scope.

A30 It’s the General Contractor’s discretion as it pertains to the responsibilities to purchase and install snow melt system. The snow melt system provided must comply with spec section 238313.

Q31 Illuminated LED Handrail System – Please clarify the responsibility for this system. Who will be purchasing this system? Is the Lighting portion of the Handrail a separate item? The Electrical Contractor is only to install the Lighting Portion of this System? The Handrail is to be the responsibility of others? Please confirm it is the GC’s discretion of who completes which scope of work or clearly delineate the scope.

- A31** It's the General Contractor's discretion as it pertains to the responsibilities to purchase and install the illuminated handrail system.
- Q32** The modular building as currently designed shows a split at 41'-10" length wise but the split goes through a window in Rescue Squad 424, and a door in Bunk 414 which will not work. Please confirm we have the flexibility to shift these openings in order to make these units work or provide another solution.
- A32** Refer to A7.
- Q33** Please provide specs for the cord reels in the new station and interim facility.
- A33** Refer to detail "CORD REEL ASSEMBLY DETAIL" on sheet E4.1 for the proposed spec for the cord reel assembly.
- Q34** Please consider waving the requirement for an electronic copy to be submitted on a USB. Typically, we have a "bid runner" at the place of submission who is on the phone with the estimating team receiving and writing down numbers 10-15 minutes prior to the bid submission deadline. Having to provide an electronic copy at bid time is extremely difficult especially now when we are trying to social distance ourselves from each other. The electronic copy would require us to send a team of individuals to the place of submission and set up computers and printers, likely in a car unless space is provided at the place of submission. Please consider deleting this requirement, allow it due at a later time (within 24 hours), or allow us to email the electronic copy.
- A34** Reference page 20 of 31 of the Solicitation "Pricing Page" Section 2: Electronic copy on USB flash drive is listed under items to be returned with the bid. If bidder fails to provide with their bid, items shall be provided within twenty-four (24) hours of bid opening.
- If the USB is not provided with the bid, Bidders can provide an electronic copy via email after the bid opening.
- Q35** Please provide a specification for the wood trusses, soffit, cementitious siding, building wrap, roof underlayment, windows, shingles, ridge vent, gutters, downspouts, etc. for the interim facility vestibule.
- A35** Documents have been revised
- Q36** What type frame is required for Door # 407 at the interim facility?
- A36** Refer to A7.
- Q37** The stair and landings from the tent structure to the modular building calls to be by the "stair mfr" on drawing S0.2. Are there any more details on this stair? Railing details?
- A37** Refer to A7.

- Q38** There are (2) pieces of equipment on the mechanical power detail, in the Workbench Shop room 402 on Drawing E1.1. Please indicate the equipment type or if these were left in error.
- A38** In Workbench Shop Room 402, the two pieces of equipment that are not labeled are the water heater, EWH-1 and the associated expansion tank, ET-2. Documents have been revised.
- Q39** Key Note #16 on drawing E1.1 asks us to provide 208V, 30A-1P SN, NF disconnect switch for the bay overhead roll-up door. However, note #16 does not appear on the drawing. Please indicate the location of the disconnect switch.
- A39** The proposed location for the disconnect switch for each bay door shall be located on the wall, just above the three-button control switch for each bay door. Refer to revised drawing E1.1 for additional information. Documents have been revised.
- Q40** Are the bay door status LED lights shown on detail 4 on drawing E2.1.1 furnished by the overhead door manufacturer and the warning sign as well?
- A40** The bay door status LED lights and warning signage indicated on detail 4 on drawing E2.1.1 are furnished by the overhead door manufacturer.
- Q41** Is there a model # or manufacturer for the bay lights shown on detail 4 on drawing E2.1.1?
- A41** No, there is not a model # or manufacturer for the bay lights shown on detail 4 on drawing E2.1.1. These lights shall be provided by the overhead door manufacturer.
- Q42** There is an exit light on drawing E2.3.1 in corridor 304 near the janitor closet room 306 that is not labeled. Please indicate the exit fixture type.
- A42** The exit sign near the Janitor's closet is fixture type X1. Documents have been revised.
- Q43** The enlarged electrical equipment schedule on drawing E3.1 shows equipment connection to EUH-7U and EUH-7V. However, they are not shown the floor plan, please indicate the location for EUH-7U and EUH-7V.
- A43** This equipment is labeled incorrectly. These electrical connections are for the HVAC units that serve the interim facility. These HVAC units are provided by the trailer manufacturer. Refer to revised drawings E1.1 and E3.1. Documents have been revised.
- Q44** Detail 2 of the mechanical room on drawing E3.1 shows equipment FF-01, please indicate if power is to be provided.
- A44** Power is not needed for equipment FF-01.

- Q45** One line diagram on drawing E5.1 indicated switchboard MEDP feeding panel Gen. However there is no panel schedule provided for panel Gen. Please provide schedule for panel Gen.
- A45** Panel GEN is for the generator block heater and battery charger circuits. This panel is typically provided by the generator manufacturer. If the generator manufacturer selected does not provide a generator panelboard, then those individual circuits will be fed from Panel LXL.
- Q46** RCP drawing of the 1st floor on drawing A9.1.1 shows a light fixture in stair S04-1 located between room 114 and room 115. However, there is no light shown on the electrical drawing for the stair on drawing E2.1.1. Please indicate the light fixture type to be located in the stair.
- A46** The light fixture in stair S04-1 is indicated on drawing E2.2.1. The light fixture is fixture type H1.
- Q47** Room Room 306 on drawing E2.3.1 indicates there is light fixture type E located in this room. However, fixture type E is not on the lighting fixture schedule located on drawing E2.1.1. Please indicate the fixture type.
- A47** Provide fixture type H1 for the Janitor's closet. Documents have been revised.
- Q48** Finish schedule notes refers to sht. A8.1.1 Detail #8 for wall tile patterns. This page does not show wall tile patterns, nor does it show elevation heights for wall tile. Please provide this information.
- A48** Documents have been revised.
- Q49** Please explain what tile base is P-Tile-A2?
- A49** The finish schedule has been revised. The drawings and specs have been revised to coordinate.
- Q50** Please clarify the 2 different hatchings that represent "Walk Off Mat" and why the "Walk-Off" mat hatchings are shown being over laid over the P-Tile-A1.
- A50** Documents have been revised.
- Q51** Please specify a NEMA number for the cord reels shown.
- A51** Coordinate the NEMA configuration of the receptacle on the cord reel with the owner and the equipment provided.
- Q52** According to the lighting legend on E0.1, all light fixtures on Life-Safety Emergency Power is to have an integral battery back-up. The project also has a back-up generator for life safety purposes. Generally, projects have one or the other, please confirm this project requires both.
- A52** Refer to A29.

- Q53** We see some references to lightning protection in the electrical specifications and on the drawings (on E4.1 for example), but we don't see a lightning protection system specified. Is this required, and if so, please provide a system specification.
- A53** Refer to A28.
- Q54** Section 13/S4.2 is cut on Grid 7, between Grids A & B. There are two WF beams without a size, shown in this section and there is no size shown for these beams. Please advise what the sizes of these two beams are.
- A54** The beam at gridline 7 between grids A and B is not labeled on plan. This beam shall be a W16x26 [NC]. The other roof beam in this section is as indicated in plan, a W21x55 [39] for this section cut location. Documents have been revised.
- Q55** Per my modular building company. The modular building is too large at 84'-4" long to manufacturer, delivery and install for this project; therefore. Looking at the layout we do not see an "ideal" spot to split the building to shorten the 84'-4" module length and split each of those three modules into two modules. We are okay with the true 12'-0" width of each module. Can ~ 37'-2" x 86'-7" building footprint is okay. If not, we can take a look and try to get back to the 36'-0" x 84'-4" building footprint still using six (6) modules; however, that may require custom nonstandard dimensions. Please let us know what is best. Please advise.
- A55** Refer to A7.
- Q56** Prefer modular units be delivered and installed FIRST; prior to the Spring Tent (App Bay) Structure construction and foundation installations. If this cannot occur we need to know so we can plan and price accordingly.
- A56** Contractor coordination item. Means and methods.
- Q57** At time of dismantle and removal we prefer the Spring Tent (App Bay) Structure be removed first, so we have room to dismantle and remove the modular building. If this cannot occur we need to know so we can plan and price accordingly.
- A57** Contractor coordination item. Means and methods.
- Q58** Is erection of the modular building going to have to be priced after it is taken down and shipped to the specified location?
- A58** Refer to "Interim Facility General Notes", note K on sheet A0.3.
- Q59** Who is to pay for the 3rd party testing? Does the contractor have to carry the cost in their bid?
- A59** Provide third party testing per specification requirements unless indicated to be by Owner.
- Q60** Please confirm door type & size required for the vehicle doors in the spring structure. Door schedule does not identify.

- A60** Refer to A6.
- Q61** Please confirm Spring Structure height.
- A61** Documents have been revised.
- Q62** At the end of the project the documents call for the temp structures to be disassembled and moved within 20 miles of the location. Is the intention for them to be stored or, should we include reassembly at a new location?
- A62** Refer to A58.
- Q63** Sheet A1.0.1 states that during the asbestos inspection, asbestos-containing material (ACM) was detected, whereas the Apex Companies, LLC report provided in the Project Manual states that none was located. Please confirm that there is no abatement of any kind required on the project as stated in the Apex report.
- A63** Refer to Addendum 01.
- Q64** Sheet A3.0.1 mentions C-TILE-A1 as the floor in rooms 311 & 312 but there is not anything in the spec that says what type of flooring C-TILE-A1 is.
- A64** Refer to A49.
- Q65** Please provide paver detail & spec. C* calls out for black brick pavers per detail, but no detail provided.
- A65** Documents have been revised.
- Q66** On Sheet A6.1.6 there is large windscreen on the side of the stair way but there is no indication to weather this windscreen is a type of metal panel or storefront framing? Please specify material windscreen is made of.
- A66** Refer to revised specification section 057300 - DECORATIVE METAL RAILINGS.
- Q67** On sheet A3.1.1, there are details that call for fire shutters at some locations. There are no specifications for these included.
- A67** Refer to A6.
- Q68** On sheet A3.1.1, the Door, Frame & Glazing Type General Notes box indicates the existence of sheet A3.2.3 but this sheet is not in the drawing set.
- A68** Documents have been revised.
- Q69** There is no specification for the exterior louver LVR1, LVR2, LVR3.
- A69** Refer to added specification section 089119 - FIXED LOUVERS
- Q70** Casework Keynote #15 on Sheet A8.1.2 states that the coffee maker is N.I.C., but Keynote #10 on Sheet A8.1.1 does not state N.I.C. Please advise if the coffee maker is in contract.

- A70** Documents have been revised.
- Q71** Casework Keynote #7 states that the Ice Maker is N.I.C., but Keynote #12 on Sheet A8.1.2 does not state N.I.C. Please advise if the icemaker is in contract.
- A71** Documents have been revised.
- Q72** Specification 112100 2.3 states for Refrigerator/ Freezer to refer to DIV 11 Food Service Equipment. No Food Service specification section found. Please provide.
- A72** Refer to added specification section 114100 - FOODSERVICE STORAGE EQUIPMENT.
- Q73** Drawing LS1.1 Mentions 1 hr rated fire shutter on the second and third floor, these are also identified on drawing A3.1.1. No specifications/ details found for shutters, please provide.
- A73** Refer to A6.
- Q74** Drawing A3.0.1 finish schedule room 101 has note 4 indicating roller shade. This room notates for windows AS1a & AS2. Neither of these windows on the window schedule on drawing A3.1.1 are shown to have shades. Please clarify.
- A74** Documents have been revised.
- Q75** Specification 1166232.1.D mentions Wall Safety Pads. Unable to identify location on drawings for this item. Please advise.
- A75** Refer to A2.1.
- Q76** Drawings A9.1.2 note 8 calls for sprayed acoustical ceiling treatment. Please provide specifications.
- A76** Refer to added specification section 098316 - SPRAYED ACOUSTICAL CEILING TREATMENT.
- Q77** Sheet E3.1 note #23 states the following: FOUR (4) - 4" EC with pull string to property line for telecom service. Contractor shall coordinate exact location with Telecom Co. prior to work. Stubbed up conduits to IT closet. Refer to floor plan for exact location. Sheet E0.3 Duct bank Section Sand Backfill – Communications, only shows (2) 4" E.C Conduits. Please clarify qty. of conduits.
- A77** Provide two (2) 4" empty conduits. Documents have been revised.
- Q78** Sheet E3.1 detail #1 Enlarged Mezzanine - IT Room. Please provide dimensions and specifics for Cable Tray shown
- A78** Refer to specifications for Cable Tray specifics.
- Q79** Details Sheet E4.1 Grounding system diagram notes a Lightning Protection System. Lightning Protection System is not found on the drawings, nor the

specifications. Please clarify if this is required or not. If required provide proper documentation for pricing.

A79 Refer to A28.

Q80 Specification 101400.C mentions Exterior panel signage. No exterior signage identified on elevation drawings. Please clarify what exterior building signage is required.

A80 Specifications have been revised.

Q81 Drawing A8.1.2 note 16 calls for 54" refrigerator/ freezer. Item not found in specifications. Please provide

A81 Refer to A72.

Q82 Please provide column footing size for detail B/S3.2 on drawing S1.1, column line 5/S.

A82 The footing size shall be 3.5, which is a 3'-6"x3'-6"x1'-0" thick concrete footing with (4) #5 bars each way, bottom. Documents have been revised.

Q83 I cannot find information in Specifications 033544 or the drawings about the CONC, CONC-ST, or CONC-SL noted in the Finish Schedule on A3.01. Can you provide a spec for each type of floor finish?

A83 Documents have been revised.

Q84 The phasing on the Erosion and Sediment Control drawings does not match the phasing as described in the specifications and G3.1. Please confirm no additional erosion and sediment control phases are required to comply with the phasing described in the specifications & G3.1.

A84 The phasing shown on the Erosion & Sediment Control Drawings (C28A-C31) are for sediment control purposes and are approved by Loudoun County. The phasing shown on G3.1 correlate to the E&S plan as follows: Phase 1 (G3.1) = Phase IA (E&S) ; Phase 2 (2.1-2.2) = Phase IB (E&S) ; Phase 2 (2.3-2.4) = Phase II (E&S). Documents have been revised.

Q85 Please confirm stairs railings/guardrails at stairs 01, 02, 03, & 05 are to be per specification section 057300 and be stainless steel. The drawings are not 100% clear.

A85 Refer to A66.

Q86 Specification section 057300 – 2.6 calls talks about illuminated railing components. Please confirm stair 01 is the only stair railing required to be illuminated as it is the only area called out on the electrical drawings to receive a j-box for power.

A86 Confirmed.

- Q87** Specification 24116 – 1.5.B requires and engineering survey of condition of building, to be demolished.
- A87** Demolition as required per specification 024116 – Structure Demolition.
- Q88** Specification section 33544-1.6.C – please advise if the mock-up can be integral to the building.
- A88** Provide Mock-up per sheet G2.1.
- Q89** Specification section 102113 – Solid Polymer Toilet Compartments is provided however all restrooms appear to be single use without compartments. Please clarify.
- A89** Specification section removed.
- Q90** Specification section 83613-2.2.D.5 states to provide pushbuttons at each door, and group controls at each ramp, adjacent to slide pole, and at watchdesk area. E2.1.2 Keynote 18 shows local controls at each door which matches the spec, however keynote 10 calls for group controls at each stair S02 & S03, and drawings do not appear to show one at the slide pole or the watchdesk. Please clarify where the group controls are to be installed.
- A90** Provide group controls per the specifications 83613-2.2.D.5.
- Q91** Specification section 83613 – 2.2.D.12 states the door subcontractor shall be responsible for all low voltage wiring and connections. 2.2.D.14 states the door manufacturer shall supply the controls and components only and the electrical contract shall install controls, wiring, conduits etc. Please clarify responsibility.
- A91** It's the GC's discretion as it pertains to the responsibilities to supply and install the low voltage wires and connections for the doors.
- Q92** 88000-1.2.B states o refer to the storefront spec for glazing type G-5 for insulated metal infill panel. This does not appear to be specified in the 84000 specification section. Please clarify.
- A92** Refer to revised specification 084000 - ALUMINUM ENTRANCES, STOREFRONT AND CURTAIN WALL
- Q93** Specification section 93000-1.7 requires the installer to be a Five Star member of the National Tile Contractors Association or Trowel of Excellence member of the Tile Contractors Association of America. There are 5 installers within a 50 mile radius that are Five Star members and no one in VA or MD with the Trowel of Excellence status. Please consider revising this requirement as not all of the 5 people are bidding and this severely limits competition.
- A93** Specification has been revised.

- Q94** Specification section 95113, 95126 - 3.4 calls out testing and inspection but does not state whether or not this is by the Owner. The Owner seems to have all the other testing and inspection scope. Please advise if this is by the Owner as well.
- A94** Refer to A59.
- Q95** Specification section 96513-2.3.B, 96519-2.4.B, 96566-2.2.B calls for MVT to be installed where resilient flooring and accessories are installed over slabs on grade and LW concrete elevated slabs. Please confirm this is required regardless of any moisture testing results.
- A95** Yes, it is required per the specification.
- Q96** There is a specification for wall pads however, we cannot locate them on the drawings. Please advise.
- A96** Refer to A75.
- Q97** 101100 – 2.4.A.1 calls for factory applied trim. 3.4.A.1 calls for field applied trim. Please clarify.
- A97** Specification 101100 revised.
- Q98** 101400-2.3.B.1 lists Phenolic Backed Photopolymer Signs, 2.3.B.2 lists PETG Backed Photopolymer Sheet. Is it Contractors option to use either product?
- A98** Yes, it is the contractor's option.
- Q99** 133133 – does not indicated any insulation for the interim facility apparatus bay. Please advise and specify what is required.
- A99** Provide structure as specified.
- Q100** 133423 – 2.3.A calls for manufacturers standard VCT. Finish schedule shows VCT and VCTT-3. Please confirm specification takes precedence for all finishes as the trailer manufacturers typically provide all finishes.
- A100** Documents have been revised.
- Q101** 76201 and 237500 both specify Equipment Screens. Which is to be followed?
- A101** Specifications have been revised.
- Q102** Specification state the site is unclassified to subgrade/subsoil elevations but rock is unclassified period. Please confirm it is the Owners intent to pay for additional excavation required below the elevations stated per section 312000 but not for rock. Also section 312000-1.5.H mentions unit prices on the bid form but there are none on the bid form.
- A102** Refer to A122. Specifications have been revised.
- Q103** Please confirm the sprinkler system in the interim facility can be surface mounted and exposed.

A103 The documents allow for either concealed or exposed routing in the interim facility.

Q104 Specification section 312300 – 3.3.A mentions conduits to be installed for Washington Gas. Civil plans, plumbing plans and plumbing specifications call for the gas service up to and including the gas meter to be provided by the gas service provider. Specification section 312000-3.25 mentions a Columbia Gas easement. Please coordinate and clarify this.

A104 Specifications have been revised.

Q105 Keynote 13 – Open Front Metal Locker, Room 333 Locker room – what type of lockers are these? If not Gear Grid, provide specification.

A105 Refer to added specification section 105112 - METAL LOCKERS.

Q106 Keynote 12 – calls for 24” x 20” open grid lockers with door. Specification 105113 does not mention doors. Please clarify.

A106 Documents have been revised.

Q107 Keynote 25 calls for a protective column cover. Please provide details and/or specifications.

A107 Refer to A75.

Q108 Please confirm the entire run of fence through parking lot is future and not part of this contract per A1.1.1.

A108 Documents have been revised.

Q109 A1.1.1 detail 6, calls for pavers around the flagpole and refers you to civil drawings for details. C-8 refers you to architectural drawings for details and calls for a black brick paver surround. Please indicated the specifications to be followed for these pavers and advise setting material.

A109 Refer to A65.

Q110 Watering bags are listed in part 1.4 of specification section 329300 but are not mentioned anywhere else. Please advise if they are required or a means and method item to establish plantings.

A110 Specification Section 329300 has been revised.

Q111 329460-2.4.A.8 lists 3 different finishes. Please select one.

A111 Specification Section 329460 has been revised.

Q112 General Conditions Article 4.7.2.3 assigns responsibility for temporary utility costs to the Contractor. Will the Contractor be required to pay set-up and consumption costs associated with temporary utilities serving the temporary fire station facility during its use by the Owner? Electrical drawings show power to the temporary fire

station facility as an extension of the permanent service. Please confirm that all utility charges associated with its use will be paid directly by the Owner.

A112 The Owner will pay utilities for the Interim Fire Station Occupancy.

Q113 Reference specification section 014500. Please clarify whether the CQC Manager is required to be a full-time on-site position. This specification denotes that the CQC Manager is required to be on site “during critical construction activities”, while also requiring daily CQC reports.

A113 The CQC Manager’s time shall be as required to perform the required services.

Q114 Reference specification section 015200 part 1.2 requiring an Owner’s office trailer during construction. Please confirm that an Owner’s temporary office trailer is not required for this project. Such a trailer is not shown on the Interim Condition Plan (sheet C7), which shows only one temporary construction trailer (presumably for the Contractor’s use). The provision of such a trailer seems redundant given the provision of the temporary fire station facility.

A114 Provide Owner’s office trailer per the specifications.

Q115 Reference specification 024116 Structure Demolition part 1.5.B. Please confirm that contrary to the provided specification engineering surveys of existing building conditions will not be required as both structures are to be removed in their entirety.

A115 Refer to A87.

Q116 Reference specification 093000 Tiling, part 1.7 outlining installer qualification requirements. Per conversations with and feedback from multiple tiling trade contractors/subcontractors, the requirements outlined represent an inordinately high standard of qualification for tiling contractors – held by very few contractors in the industry. Given that the tiling work of the project does not incorporate significantly customized design elements, please consider removing these requirements from the specification. Adherence to these requirements will result in significantly adverse impacts to both subcontractor bid participation and overall project cost.

A116 Refer to A93.

Q117 Part 3.4 of specifications 095113 Acoustical Panel Ceilings and 095126 Acoustical Wood Ceilings each assign testing responsibility to the Contractor. Please confirm that this is correct as almost all other testing on the project has been assigned as the Owner’s responsibility.

A117 Refer to A59.

Q118 Specification 096513 Resilient Base and Accessories part 3.2.B.4 (a & b), as well as specifications 096519 Resilient Tile Flooring and 096817 VCTT Flooring, each list both calcium chloride testing is acceptable as specified and that in-situ probe

testing (which is significantly more costly) will not be required. Typically only one of the two types of testing listed is required.

A118 Refer to A95.

Q119 In reference to the Moisture Vapor Treatment system specified in sections 096513, 096519, and 096817 – each specification contains language referencing the slab and stating that “If moisture testing indicates measurements are within acceptable levels... MVT may be omitted where approved by the Architect”. Please confirm that Architect will approve omission of MVT system at all areas where testing indicates acceptable moisture content.

A119 Refer to A95.

Q120 Specification 096566 Rubber Athletic Flooring does not provide any conditions for a waiver of the Moisture Vapor Treatment system requirement. Is the MVT system required under all rubber athletic flooring system areas regardless of the corresponding slab’s actual moisture content?

A120 Refer to A95.

Q121 Part 2.3.A of specification 113100 Residential Appliances references “Division 11 ‘Foodservice Storage Equipment’” in regard to information for “Refrigerator/Freezers” and no such specification has been provided. Please provide either the referenced specification or product information for Refrigerator/Freezers to be provided by the Contractor.

A121 Refer to A72.

Q122 In reference to specification section 312000 Earth Moving, please confirm that the limits of rock excavation/removal to be included in the base bid is limited to design subgrade elevations (i.e. bottom of footing elevation) from existing grade as outlined in part 1.2.B, and that rock excavation from shown design subgrade limits to the additional extents outlined in part 3.4.B (as well as required associated structural fill replacement) will be compensated via additional reimbursement.

A122 The limits set forth in Part 3.4B establish the new design subgrade when rock is encountered. Rock removal to the limits shown in Part 3.4B are part of the base bid and will NOT be eligible for additional reimbursement.

Q123 Parts 1.5.G and 1.5.H of specification 312000 Earth Moving make references to “sitework unit prices” and “unit price allowances” respectively. However, the current bid form contains no request to communicate Contractor-provided unit prices and no schedule of unit prices or allowances has been communicated in the specifications. Please clarify.

A123 Refer to A102.

Q124 Part 3.3.A of specification 312000 Earth Moving states that “blasting may be done only if authorized by the Owner and local authorities having jurisdiction.” Please

confirm that the use of blasting will be authorized by the Owner for work on this site if so requested by the Contractor.

A124 Owner takes no exception to the contractor's means and method to excavate. Blasting must be in conformance with the plans/specifications and in accordance with the requirements of the blasting permit. The contractor is responsible for the blasting permit.

Q125 Specification sections 329200 and 329300 contain numerous date references which cannot be applicable to this project given the scheduled bid date and outlined project phasing schedule. Please provide corrected dates if the requirements outlined are applicable to this project.

A125 Specification Section 329200 and 329300 have been revised.

Q126 The "Typical Section Concrete Sidewalk" detail on sheet C3 does not show any graded aggregate base under concrete sidewalks. Please confirm that this detail is correct and that sidewalks are to be installed directly on subgrade.

A126 The sidewalk may be placed directly on properly compacted subgrade unless soil conditions, as determined by on-site third party inspectors, dictate otherwise. This section is to be used for pedestrian sidewalks only.

Q127 Sheet C6 identifies an approximate area (under the existing fire station driveway/apron) where the Contractor is to remove an anticipated 250 CY of #57 stone and backfill with controlled fill. Why is this #57 stone to be removed and is there reason to believe that this material would not be suitable for re-use on site in new construction?

A127 The existing #57 stone is to be removed to ensure proper compaction can be obtained. The suitability of the stone to be re-used on site can be reviewed in the field upon removal.

Q128 It was apparent at the pre-bid site visit that the existing automotive shop building to be removed is being used extensively for Owner storage. Please confirm that all stored items are to be removed/relocated by the Owner prior to building demolition and are not to be relocated or disposed of by the Contractor.

A128 Documents have been revised.

Q129 Please clarify the hashed "L"-shaped area shown northeast of the proposed temporary vehicle spring tent structure on sheet C7. Is this a marked/striped area of asphalt paving, concrete sidewalk, or something else?

A129 The area in question is to be striped area of asphalt. Documents have been revised.

Q130 Please confirm that the "emergency signal and signage" for the interim facility entrance on East Holly Avenue referenced by note 11 on sheet C7 are to be installed by others under separate contract as this work is not shown on the drawings issued.

A130 Refer to A1.

Q131 The “Typical Pavement Section” detail on sheet C3 contains a detail which communicates “Heavy Duty” paving which is to include a 1.5” bituminous surface course and an “Interim Facility – Pavement Section” which is not to include the surface course. Paved areas shown on sheet C7 adjacent to the interim facility are shaded and labeled as “Heavy Duty Asphalt”. Please confirm that the shaded area is to include the 1.5” bituminous surface course.

A131 The Interim Facility pavement section is NOT to include 1.5” of surface course.

Q132 Sheet C8 shows continuous 6’ high ornamental aluminum fence through the drive aisle of the proposed parking area accessed from East Holly Avenue (thereby eliminating access to approximately two thirds of the parking lot and the dumpster area). A “Future Pre-Engineered Metal Gate System” is called out, but not detailed or shown in the proposed condition. In contrast to the Civil drawings, sheet A1.1.1 shows and notes all north/south fencing across the parking lot as “Future”. Please confirm that the fence layout is correct and to be provided as shown on sheet C8 and that no gate across the parking lot drive aisle is to be included in this contract.

A132 Refer to A108.

Q133 Sheet C8 calls out a “Black Brick Paver Walkway Surround” at the proposed location of the refurbished flagpole and refers to Architectural plans for details. Detail 6/A1.1.1 does not detail the paver system and refers back to the Civil plans. Please provide product requirement/selection information for the brick paver materials and a detail of the installation showing any required aggregate base layers and/or drainage systems that are required.

A133 Refer to A65.

Q134 Specification sections 057300 and 057500 each reference custom panel perforation patterns to be provided by the Architect to the fabricator. Pricing for the materials governed by these specifications is highly impacted by the simplicity or complexity of the proposed/required design. Are the patterns shown drawing elevations/details representative of the proposed final design? If not, please provide a typical detail showing the “custom pattern” as closely as possible for the purpose of obtaining accurate material/fabrication pricing.

A134 The pattern shown on the drawings is the basis of design.

Q135 Please clarify whether the Contractor has any responsibility (either provision or installation) for items shown in dashed outline on the Interim Facility Floor Plan on sheet A0.3. Within the tent spring structure items #5 Lockers, #6 Ice Maker, and #7 Combination Clothes Washer and Dryer are shown in dashed lines but not noted “NIC” on the legend/schedule as some other items are.

A135 Documents have been revised.

Q136 Elevations 4 & 9 on sheet A8.1.1 and the associated keynotes identify the washing machine, dryer, and ice maker as NIC. This conflicts with the residential appliances specification. The kitchen microwaves in elevations on sheet A8.1.2 are shown similarly and similarly conflict with the specification. Please clarify.

A136 Owner supplied Contractor installed. Documents have been revised.

Q137 Please clarify what casework system is to be provided at Kitchen 418 in the Interim Facility. Part 2.3.E of specification 133423 instructs bidders to provide the modular building manufacturer's standard plastic laminate casework system. Please confirm that Interim Facility General Note B on sheet A0.3 is not instructing bidders to provide casework for Kitchen 418 in accordance with specification 064023. Furthermore, Note B appears to conflict with the plumbing drawings (P1.1) which do not schedule the Kitchen 418 sink fixture.

A137 Documents have been revised.

All plumbing fixtures in the modular unit shall be provided by the modular unit manufacturer.

Q138 Please clarify the construction type of the two windows shown at Vestibule 407 in details 1-4 on sheet A0.4. Are these windows to be hollow metal or aluminum systems, and what type of glazing is required?

A138 Refer to specification SECTION 133423 – MODULAR BUILDING.

Q139 Reference detail 6/A1.1.2. Please clarify the condition on the exterior face of the building wall below the concrete walkway/stair assembly. The detail appears to show rigid insulation and perhaps dampproofing on the exterior wall face but neither are identified.

A139 Refer to detail 1 on sheet A5.2.1.

Q140 Please review and clarify the dampproofing details for exterior retaining wall assemblies. In the schedule on sheet A1.1.2, exterior wall type SA2 details dampproofing to be applied to all back-up wall faces behind veneers without distinction between above/below grade condition. Note 28 in detail 9/A1.1.2 then calls out an additional layer of dampproofing to be applied to the “uphill” face of wall veneer below grade. Are three layers of dampproofing really intended at this condition?

A140 Documents have been revised.

Q141 Please clarify where section 1/A2.1.1 is taken. The detail appears to show a floor drain adjacent to an opening which we are unable to locate.

A141 Refer to floor plan 1 on sheet A2.1.1, it is the niche in the north wall of room Storage 113.

Q142 Please clarify what specification provides relevant information for Note 25 “Protective Column Cover” on sheet A2.1.1. Please provide a detail for this work.

A142 Refer to Q75.

Q143 Sheet A3.0.1 schedules finishes for spaces within the modular building portion of the interim facility, however specification 133423 Modular Building indicates to provide manufacturer's standard items for these finishes. Are these finishes (floor, ceiling, etc) to be governed by division 9 specifications or the division 13 specification.

A143 Documents have been revised.

Q144 Detail 27/A3.2.2 shows rigid insulation and "Roof Air Barrier" in a below finished grade cavity under the Bi-Fold Door threshold, which would appear to be the incorrect product. Please clarify whether this should instead be a dampproofing assembly.

A144 Documents have been revised.

Q145 Please clarify the extents of rigid insulation (note 31) and protection board (note 23) required on the outside faces of below grade wall assemblies shown in detail 1/A5.2.1. As the dampproofing membrane/coating is shown within the wall cavity, these items don't appear to be protecting the dampproofing system as would be expected.

A145 Refer to wall sections on sheets A5.1.1 and A5.1.2.

Q146 The Keynotes Schedule on sheet A5.2.1 references drawing sheets A5.2.1 through A5.2.4, while only sheet A5.2.1 has been issued with the bid documents. Please confirm that sheets A5.2.2, A5.2.3, and A5.2.4 do not exist or are not applicable to the project.

A146 Documents have been revised.

Q147 A callout note on detail 4/A6.1.3 instructs the bidder to "refer to 6/A6.1.2 for perforated pattern" in reference to the decorative formed metal panel guardrail system. Please provide this detail as there is no detail 6 on the provided sheet A6.1.2.

A147 Refer to A6.1.2 for elevation 6 in the middle of the sheet, the detail title overlaps with the elevation.

Q148 Please clarify what specification governs the "sprayed acoustical ceiling treatment" referenced by Note 8 on sheet A9.1.2.

A148 Refer to A76.

Q149 The plumbing portion of specification 133423 Modular Building references acid waste piping, acid neutralization tanks, and floor sinks for sterilizers – none of which are shown on the drawings. Please confirm that these items are not required.

A149 Refer to A7.

Q150 Sheet P1.1 shows only domestic cold water being routed from the temporary spring structure area into the modular building. Please confirm that no hot water is required within the modular building.

A150 Refer to the “Note” on the “Interim Facility First Floor Plan – Domestic” floor plan drawing on sheet P1.1.

Q151 Reference sheet E1.1. Similar to sheets M1.1 and P1.1 and the manner in which responsibilities have been assigned to either the respective mechanical contractor/plumber or modular building system manufacturer by those plans, please clarify the division of electrical systems/scopes to be provided by the modular building manufacturer versus the project electrician. For example, part 2.7.E of specification 133423 Modular Buildings outlines the provision of the modular building manufacturer’s standard lighting, whereas sheet E1.1, in conflict with the specification, provides a lighting schedule which would appear to be governed by the division 26 specifications.

A151 Part 2.7.E of specification 133423 reads that interior light fixtures for the modular building can be provided by that manufacturer. Sheet E1.1 lists the light fixtures proposed for the modular building. The light fixtures indicated in the schedule should be the basis of design. If the modular building manufacturer can provide light fixtures that comply with the performance of the light fixtures listed in the schedule, then they can be provided by the modular building manufacturer.

Q152 Details Sheet E4.1 Grounding system diagram notes a Lightning Protection System. Lightning Protection System is not found on the drawings, nor the specifications. Please clarify if this is required or not. If required, please provide proper documentation for pricing.

A152 Refer to A28.

Q153 Sheet E3.1 note #23 states the following: “*FOUR 4" EC WITH PULLSTRING TO PROPERTY LINE. FOR TELECOM SERVICE. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH TELECOM CO. PRIOR TO WORK. STUBBED UP CONDUITS TO IT CLOSET. REFER TO FLOOR PLAN FOR EXACT LOCATION.*” Sheet E0.3 detail Ductbank Section Sand Backfill – Communications, only shows (2) 4” E.C Conduits. Please clarify qty. of conduits.

A153 Refer to A77.

Q154 Reference Sheet E3.1 detail #1 Enlarged Mezzanine - IT Room. Please provide dimensions and specifics for the Cable Tray shown.

A154 Refer to A78.

Q155 ERV-1 is shown on the schedule sheet (M0.2), roof plan (M2.3.1), and elevations (M4.2), but we did not see the ductwork shown on the regular or enlarged views (M3.1). We have seen similar designs where the ERV was ducted into the return air duct of the RTU; however, RTU-1 also has an energy recovery wheel.

- a. What is the design intention here, and where does ERV-1 need to be ducted or connected (M5.3)?
- b. The ERU controls schematic (M6.1) looks like one for an applied rather than packaged unit. Is this what was intended?
- c. Schedule note #4 (M0.2) calls for a UV-C light kit downstream of the cooling coil. Since this unit does not have a cooling coil, is one required, or is one required downstream of the fan leaving the unit for the space?
- d. The sequence (230993-3.12) shows simple on/off control and onboard controls.
- e. The Greenheck basis of design (237223) offers only these features with the designated product. Is this what was intended rather than the detail and specs (237223-2.3) shown?
 - **Optional accessories**
 - Fan VFDs
 - Microprocessor controls
 - BMS integration
 - Wheel economizer controls
 - Frost controls
 - Motorized dampers

A155 Ductwork originates with the 18x16 supply up to the unit and the 16x26 return up the unit as shown on M3.1. Specifications have been revised.

- a. ERV-1 is ducted to the gear locker rooms as shown on M3.1 and ductwork drawings.
- b. The basis of design ERV unit comes with the features as shown in the controls schematic that are within the dashed line. Controls contractor is responsible for providing the additional points as shown on the drawings.
- c. The UV-C light is to be mounted downstream of the energy recovery wheel.
- d. The unit shall be controlled as specified.
- e. All of these points are indicated within the dashed area, the other sensors shown are to be provided by the controls contractor as indicated on the drawing.

Q156 The controls sheet (M6.1) appears to have controls points that are not typical for the respective equipment. The VAV schematic show entering and leaving heating water temperature sensors on every VAV (M6.1), but these are not mentioned in the sequences of operation (230993-3.8 and -3.9). Are these intended?

A156 The temperature sensors entering and leaving water temperatures at the terminal units are required and are for monitoring purposes only. The points shall be displayed on the controls graphics. Specifications have been revised.

Q157 Drawing E5.1 shows the interim building ATS as service entrance rated with an integral 400A enclosed circuit breaker but the 400A breaker is shown external to the actual ATS. Please confirm this 400A breaker is meant to be integral/inside ATS enclosure making it a service entrance rated ATS or is breaker to be provided external to ATS enclosure by electrical contractor ahead of ATS?

A157 The 400A breaker shall be integral/inside the ATS, making the ATS service entrance rated.

Q158 NEC 702-ATS-E is shown on drawing E5.1 with a note indicating the ATS is to be service entrance rated with integral disconnect means. Yet the drawing shows the 65KAIC, 1000A service rated enclosed circuit breaker under keynote #3 as external to this ATS-E in NEMA 3R enclosure. Please confirm this 1000A breaker is meant to be integral/inside ATS enclosure making it a service entrance rated type ATS or is service entrance breaker to be provided external to ATS enclosure by electrical contractor ahead of ATS?

A158 The 1000A circuit breaker shall be external, mounted on the exterior building, ahead of the ATS.

Q159 Drawing E5.1 please confirm 1000A ATS-P with camlock connection for portable generator is to be an ATS therefore automatic and not an MTS (manual type)?

A159 The transfer switch for the portable generator shall be a manual type, MTS. Refer to revised drawing E5.1.

Q160 Section 263213, 2.1, A. does not list Kohler as acceptable manufacturer for this 300 KW natural gas generator. Spec only lists Caterpillar, Generac, MTU and Cummins. Please confirm Kohler is acceptable provided specifications are met?

A160 Specifications have been revised.

Q161 Section 263213, 2.4 G. please confirm this paragraph can be excluded from specifications as it makes reference to a remote radiator system that does not appear applicable to this project?

A161 This paragraph can be excluded. A remote radiator system is not required for this project. Specifications have been revised.

Q162 Section 263213, 2.6, P. and Q. specifies to provide separate 1" conduit from generator controller to day tank control wires. This is a natural gas generator so day tank is not applicable.

A162 The 1" conduit from the generator controller to the day tank controls is not required as a day tank is not needed for this generator. Specifications have been revised.

Q163 Section 263213, 2.9, B. specifies to provide a “walk-in enclosure” for the 300-kW natural gas generator. Based on the dimensions of this unit shown on drawing E0.2 this does not appear to be a walk-in style generator enclosure. This type of enclosure is much more expensive and takes up much more space. Please confirm factory standard level 2 sound generator enclosure is acceptable?

A163 A factory standard level 2 sound generator enclosure is acceptable. Specifications have been revised.

Q164 Section 263213, 2.9 B. 4. Please confirm if space heater is required or may be excluded since this is not a walk-in enclosure?

A164 The space heater can be excluded, since this is not a walk-in enclosure. Specifications have been revised.

Q165 Section 263213, 2.9 D. please confirm if automatic dampers specified under D. 2. are required at generator enclosure inlet and discharge or are fixed intake and fixed discharge acceptable for this unit? Automatic dampers are an expensive added optional accessory on this enclosure.

A165 Automatic dampers can be excluded. Specifications have been revised.

Q166 Section 263213, 2.9 D. 3. Please confirm the exhaust fan under D. 3. can be excluded as it is not required for proper operation of this 300-kW natural gas generator?

A166 The exhaust fan can be excluded. Specifications have been revised.

Q167 Section 263213, 2.9 E. specifies to provide the generator enclosure with interior AC lights, DC lights and GFCI outlets please confirm if all these auxiliary items are required inside the generator enclosure?

A167 Interior lights and GFCI outlets can be excluded from the inside of the generator enclosure. Specifications have been revised.

Q168 Section 263600, 2.1 A. 1. Specifies caterpillar, GE Zenith, and Cummins as acceptable manufacturer’s for the ATS on this project. Please confirm if other manufacturers such as Kohler are acceptable provided specifications are met?

A168 Kohler can be provided if the manufacturer can meet the specifications. Specifications have been revised.

Q169 Section 263600, 2.1 B. lists transfer switches using molded case switches or circuit breakers as acceptable while 2.2F. 1. Specifies that ATS using molded case switches or circuit breakers are not acceptable. Please confirm which is true? Are ATS using molded case switches/circuit breakers acceptable for this project?

A169 The transfer switches using molded case switches or circuit breakers are acceptable. Specifications have been revised.

Q170 Section 263600, 2.2 N. specifies ATS enclosure to be NEMA type 3R unless otherwise indicated. Appears from the electrical drawings some of the ATS are located indoors in electrical rooms. Please confirm indoor ATS can be provided in NEMA 1 enclosures?

A170 The ATS's that are located indoors can be provided in NEMA 1 enclosures. Specifications have been revised.

Q171 Section 263600, 2.3 H. specifies ATS transition type to be closed transition (make before break) type ATS while drawing E5.1 specifies ATS-X to be open transition type along with NEC 702-ATS-E and interim building ATS as open transition type only. Please confirm closed transition type ATS is not required and all ATS are open transition type only?

A171 Provide open transition type ATS's. Specifications have been revised.

Q172 Please clarify the following regarding the generator specification. 263213, 2.4, G calls for a remote radiator and 263213, 2.9, B calls for an enclosure and according to the generator supplier, it's not possible to include both. If an enclosure is desired, please confirm a factory skin enclosure is acceptable.

A172 A remote radiator is not required. A factory skin enclosure is acceptable.

Q173 Confirm all contractor's working on the project are required to have a current Virginia Contractor's License.

A173 All Contractors are required to meet the state Contractor's license requirements. Any question related to the state Contractor License should be directed to the Department of Professional and Occupational Regulation (DPOR).

Q174 Reference WC-1 and WC-2. Please provide product line or colors (more information).

A174 Refer to specification 22400 Subsection 2.23 and 2.24.

Q175 Where clarify where the Insulating Concrete Slab Edge Forming per section 31119 is to be installed? It is not indicated on the plans.

A175 Documents have been revised.

Q176 IT Room E3.1, Note 17 regarding Data Cabinet dimensions call for 40" wide x 3' deep. I believe this note to be a typo based of my scale measurements, typical cabinet dimensions, and building clearance codes. Can you confirm that note should state the dimensions of 30"W x 36"D?

A176 Documents have been revised.

Q177 Work Area Outlet Cable type E4.1, Wireless Access Points call for 2 green cables on the county detail and 2 orange cables on the volunteer detail, but both

share the same symbol. Can you please clarify exactly what network and cable quantity is required at each Wireless Access (WA) symbol on the drawings?

A177 Documents have been revised.

END QUESTIONS AND ANSWERS